

Kansas City PM Characterization Study

Final Report

Appendix FF

Kansas City Fuels Analysis Complete

Assessment and Standards Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

Sponsors:

National Renewable Energy Laboratory, U.S. Department of Energy
Federal Highway Administration, U.S. Department of Transportation
STAPPA-ALAPCO Emission Inventory Improvement Program
Coordinating Research Council Inc. (Project No. E-69)

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October 27, 2006
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United States
Environmental Protection
Agency

EPA420-R-08-009
April 2008

NVFEL Fuel Analysis Report

13619

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/19/05.

Season: Winter

Kansas City Samples- FTAG: 13619 Comments: 02 of 35; 181; 08-19-04
567ELT(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent		TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent		TS	2/14/05
421	Sulfur in Gasoline D2622	175	Parts Per Million		NST	2/23/05
62	Vapor Pressure by D5191 (Modified)	6.32	PSI		NST	1/24/05
65	Percent Evaporated at 200 Degrees F D86	36.4	Volume Percent		MM	1/26/05
66	Percent Evaporated at 300 Degrees F D86	80.7	Volume Percent		MM	1/26/05
48	Aromatics in Gasoline MSD D5769	35.09	Volume Percent		TW	2/1/05
49	Olefins in by FIA D1319	7.6	Volume Percent		NST	2/2/05
64	Benzene in Gasoline D3606	1.85	Volume Percent		TW	2/17/05
55	MTBE by D5599	0.00	Volume Percent		TS	2/14/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	2/14/05
532	Ethanol by D5599	0.00	Volume Percent		TS	2/14/05
57	TAME by D5599	0.00	Volume Percent		TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent		TS	2/14/05
630	Toluene in gasoline by MSD D5769	7.95	Volume Percent		TW	2/1/05
46	Aromatics by FIA D1319	35.5	Volume Percent		NST	2/2/05
63	Benzene in Gasoline by GC/MSD D5769	1.8	Volume Percent		TW	2/1/05
69	Specific Gravity @ 60 deg F D4052	0.75878	60/60F		MM	1/25/05
692	Degrees API D4052	54.98	Degrees API		MM	1/25/05
691	Density @ 60 deg F D4052	0.75803	g/cm-03 @ 60 deg F		MM	1/25/05
101	Initial Boiling Point D86	101.7	Degrees F		MM	1/26/05
110	10 Percent D86	146.8	Degrees F		MM	1/26/05
150	50 Percent D86	227.5	Degrees F		MM	1/26/05
190	90 Percent D86	328.8	Degrees F		MM	1/26/05
200	End Point D86	419.2	Degrees F		MM	1/26/05
201	Residue D86	0.8	mL		MM	1/26/05
202	Total Recovery D86	97.8	mL		MM	1/26/05
203	Loss D86	1.4	mL		MM	1/26/05
543	Methanol by D5599	0.00	Volume Percent		TS	2/14/05
584	Isopropanol by D5599	0.00	Volume Percent		TS	2/14/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

NVFEL Fuel Analysis Report

13620

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 1/19/05.

VOC

Season: Winter

Kansas City Samples- FTAG: 13620 Comments: 03 of 35; 68; 7-28-04
624MHA(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent		TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent		TS	2/14/05
421	Sulfur in Gasoline D2622	73	Parts Per Million		NST	2/23/05
62	Vapor Pressure by D5191 (Modified)	6.8	PSI		NST	1/24/05
65	Percent Evaporated at 200 Degrees F D86	41.8	Volume Percent		MM	1/26/05
66	Percent Evaporated at 300 Degrees F D86	81.2	Volume Percent		MM	1/26/05
48	Aromatics in Gasoline MSD D5769	28.84	Volume Percent		TW	2/1/05
49	Olefins in by FIA D1319	12.7	Volume Percent		NST	2/2/05
64	Benzene in Gasoline D3606	0.98	Volume Percent		TW	2/17/05
55	MTBE by D5599	0.00	Volume Percent		TS	2/14/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	2/14/05
532	Ethanol by D5599	0.00	Volume Percent		TS	2/14/05
57	TAME by D5599	0.00	Volume Percent		TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent		TS	2/14/05
630	Toluene in gasoline by MSD D5769	7.9	Volume Percent		TW	2/1/05
46	Aromatics by FIA D1319	30.1	Volume Percent		NST	2/2/05
63	Benzene in Gasoline by GC/MSD D5769	0.95	Volume Percent		TW	2/1/05
69	Specific Gravity @ 60 deg F D4052	0.75036	60/60F		MM	1/25/05
692	Degrees API D4052	57.08	Degrees API		MM	1/25/05
691	Density @ 60 deg F D4052	0.74962	g/cm-03 @ 60 deg F		MM	1/25/05
101	Initial Boiling Point D86	100	Degrees F		MM	1/26/05
110	10 Percent D86	137.7	Degrees F		MM	1/26/05
150	50 Percent D86	217.9	Degrees F		MM	1/26/05
190	90 Percent D86	341.4	Degrees F		MM	1/26/05
200	End Point D86	431.4	Degrees F		MM	1/26/05
201	Residue D86	0.7	mL		MM	1/26/05
202	Total Recovery D86	98.2	mL		MM	1/26/05
203	Loss D86	1.1	mL		MM	1/26/05
543	Methanol by D5599	0.00	Volume Percent		TS	2/14/05
584	Isopropanol by D5599	0.00	Volume Percent		TS	2/14/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

NVFEL Fuel Analysis Report

13621

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 1/19/05.

VOC

Season: Winter

Kansas City Samples-QQA FTAG: 13621
042

Comments: 4 of 35; (3) License #: 7/13/04

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/14/05
421	Sulfur in Gasoline D2622	210	Parts Per Million			NST	2/23/05
62	Vapor Pressure by D5191 (Modified)	8.12	PSI			NST	1/24/05
65	Percent Evaporated at 200 Degrees F D86	47.8	Volume Percent			MM	1/26/05
66	Percent Evaporated at 300 Degrees F D86	83.1	Volume Percent			MM	1/26/05
48	Aromatics in Gasoline MSD D5769	26.17	Volume Percent			TW	2/1/05
49	Olefins in by FIA D1319	8.3	Volume Percent			NST	2/2/05
64	Benzene in Gasoline D3606	1.02	Volume Percent			TW	2/17/05
64	Benzene in Gasoline D3606	1.02	Volume Percent			TW	2/17/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/14/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/14/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/14/05
57	TAME by D5599	0.00	Volume Percent			TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/14/05
46	Aromatics by FIA D1319	26.7	Volume Percent			NST	2/2/05
63	Benzene in Gasoline by GC/MSD D5769	1	Volume Percent			TW	2/1/05
630	Toluene in gasoline by MSD D5769	5.34	Volume Percent			TW	2/1/05
69	Specific Gravity @ 60 deg F D4052	0.73811	60/60F			MM	1/25/05
692	Degrees API D4052	60.21	Degrees API			MM	1/25/05
691	Density @ 60 deg F D4052	0.73738	g/cm-03 @ 60 deg F			MM	1/25/05
101	Initial Boiling Point D86	93.9	Degrees F			MM	1/26/05
110	10 Percent D86	127.4	Degrees F			MM	1/26/05
150	50 Percent D86	206.1	Degrees F			MM	1/26/05
190	90 Percent D86	332.8	Degrees F			MM	1/26/05
200	End Point D86	431.1	Degrees F			MM	1/26/05
201	Residue D86	0.8	mL			MM	1/26/05
202	Total Recovery D86	97.7	mL			MM	1/26/05
203	Loss D86	1.5	mL			MM	1/26/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/14/05

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584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/14/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

NVFEL Fuel Analysis Report

13622

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/19/05.

Season: Winter

Kansas City Samples- FTAG: 13622 Comments: 5 of 35; 330; (Ks.); 9-16-04
UT1326

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/14/05
421	Sulfur in Gasoline D2622	75	Parts Per Million			NST	2/23/05
62	Vapor Pressure by D5191 (Modified)	6.11	PSI			NST	1/24/05
65	Percent Evaporated at 200 Degrees F D86	37.2	Volume Percent			MM	1/26/05
66	Percent Evaporated at 300 Degrees F D86	78.4	Volume Percent			MM	1/26/05
48	Aromatics in Gasoline MSD D5769	31.19	Volume Percent			TW	2/1/05
49	Olefins in by FIA D1319	10	Volume Percent			NST	2/2/05
64	Benzene in Gasoline D3606	1.44	Volume Percent			TW	2/17/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/14/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/14/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/14/05
57	TAME by D5599	0.00	Volume Percent			TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/14/05
630	Toluene in gasoline by MSD D5769	7.42	Volume Percent			TW	2/1/05
46	Aromatics by FIA D1319	32.4	Volume Percent			NST	2/2/05
63	Benzene in Gasoline by GC/MSD D5769	1.4	Volume Percent			TW	2/1/05
69	Specific Gravity @ 60 deg F D4052	0.75655	60/60F			MM	1/25/05
692	Degrees API D4052	55.53	Degrees API			MM	1/25/05
691	Density @ 60 deg F D4052	0.7558	g/cm-03 @ 60 deg F			MM	1/25/05
101	Initial Boiling Point D86	100.8	Degrees F			MM	1/26/05
110	10 Percent D86	147.7	Degrees F			MM	1/26/05
150	50 Percent D86	225.1	Degrees F			MM	1/26/05
190	90 Percent D86	345.9	Degrees F			MM	1/26/05
200	End Point D86	434.5	Degrees F			MM	1/26/05
201	Residue D86	0.8	mL			MM	1/26/05
202	Total Recovery D86	97.9	mL			MM	1/26/05
203	Loss D86	1.3	mL			MM	1/26/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/14/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/14/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

NVFEL Fuel Analysis Report

13623

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/19/05.

Season: Winter

Kansas City Samples- FTAG: 13623 Comments: 6 of 35; #148; Missouri; 8/12/04
553CLW(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/14/05
421	Sulfur in Gasoline D2622	150	Parts Per Million			NST	2/23/05
62	Vapor Pressure by D5191 (Modified)	6.56	PSI			NST	1/24/05
65	Percent Evaporated at 200 Degrees F D86	39	Volume Percent			MM	1/26/05
66	Percent Evaporated at 300 Degrees F D86	80.7	Volume Percent			MM	1/26/05
48	Aromatics in Gasoline MSD D5769	33.34	Volume Percent			TW	2/1/05
49	Olefins in by FIA D1319	9.5	Volume Percent			NST	2/2/05
64	Benzene in Gasoline D3606	1.53	Volume Percent			TW	2/17/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/14/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/14/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/14/05
57	TAME by D5599	0.00	Volume Percent			TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/14/05
630	Toluene in gasoline by MSD D5769	7.96	Volume Percent			TW	2/1/05
46	Aromatics by FIA D1319	34.9	Volume Percent			NST	2/2/05
63	Benzene in Gasoline by GC/MSD D5769	1.5	Volume Percent			TW	2/1/05
69	Specific Gravity @ 60 deg F D4052	0.75781	60/60F			MM	1/25/05
692	Degrees API D4052	55.22	Degrees API			MM	1/25/05
691	Density @ 60 deg F D4052	0.75706	g/cm-03 @ 60 deg F			MM	1/25/05
101	Initial Boiling Point D86	102.4	Degrees F			MM	1/26/05
110	10 Percent D86	143.1	Degrees F			MM	1/26/05
150	50 Percent D86	223.2	Degrees F			MM	1/26/05
190	90 Percent D86	334.4	Degrees F			MM	1/26/05
200	End Point D86	424.4	Degrees F			MM	1/26/05
201	Residue D86	0.8	mL			MM	1/26/05
202	Total Recovery D86	98.1	mL			MM	1/26/05
203	Loss D86	1.1	mL			MM	1/26/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/14/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/14/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

NVFEL Fuel Analysis Report

13624

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/19/05.

Season: Winter

Kansas City Samples- FTAG: 13624 Comments: 7 of 35; 44; 7-23-04
545MC3(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/14/05
534	Ethanol by D5599	0.47	Oxy Percent			TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/14/05
421	Sulfur in Gasoline D2622	199	Parts Per Million			NST	2/23/05
62	Vapor Pressure by D5191 (Modified)	7.75	PSI			NST	1/24/05
65	Percent Evaporated at 200 Degrees F D86	39.9	Volume Percent			MM	1/26/05
66	Percent Evaporated at 300 Degrees F D86	81.5	Volume Percent			MM	1/26/05
48	Aromatics in Gasoline MSD D5769	32.22	Volume Percent			TW	2/1/05
49	Olefins in by FIA D1319	8	Volume Percent			NST	2/2/05
64	Benzene in Gasoline D3606	1.77	Volume Percent			TW	2/17/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/14/05
59	Weight Percent Oxygen by D5599	0.47	Weight Percent			TS	2/14/05
593	Volume Percent Oxygenates by D5599	1.29	Volume Percent			TS	2/14/05
532	Ethanol by D5599	1.29	Volume Percent			TS	2/14/05
57	TAME by D5599	0.00	Volume Percent			TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/14/05
630	Toluene in gasoline by MSD D5769	7.4	Volume Percent			TW	2/1/05
46	Aromatics by FIA D1319	33.4	Volume Percent			NST	2/2/05
63	Benzene in Gasoline by GC/MSD D5769	1.74	Volume Percent			TW	2/1/05
69	Specific Gravity @ 60 deg F D4052	0.75407	60/60F			MM	1/25/05
692	Degrees API D4052	56.15	Degrees API			MM	1/25/05
691	Density @ 60 deg F D4052	0.75333	g/cm-03 @ 60 deg F			MM	1/25/05
101	Initial Boiling Point D86	99.7	Degrees F			MM	1/26/05
110	10 Percent D86	132.6	Degrees F			MM	1/26/05
150	50 Percent D86	221.7	Degrees F			MM	1/26/05
190	90 Percent D86	332.1	Degrees F			MM	1/26/05
200	End Point D86	416.3	Degrees F			MM	1/26/05
201	Residue D86	0.8	mL			MM	1/26/05
202	Total Recovery D86	97.7	mL			MM	1/26/05
203	Loss D86	1.5	mL			MM	1/26/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/14/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/14/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 1/19/05.

VOC

Season: Winter

Kansas City Samples-
995STJ(Mo)

FTAG: 13625

Comments: 10 od 35; #151; 8/13/04

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/14/05
421	Sulfur in Gasoline D2622	166	Parts Per Million			NST	2/23/05
62	Vapor Pressure by D5191 (Modified)	6.53	PSI			NST	1/24/05
65	Percent Evaporated at 200 Degrees F D86	39.1	Volume Percent			MM	2/2/05
66	Percent Evaporated at 300 Degrees F D86	80.2	Volume Percent			MM	2/2/05
48	Aromatics in Gasoline MSD D5769	29.37	Volume Percent			TW	2/1/05
49	Olefins in by FIA D1319	9.7	Volume Percent			NST	2/2/05
64	Benzene in Gasoline D3606	1.30	Volume Percent			TW	2/17/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/14/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/14/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/14/05
57	TAME by D5599	0.00	Volume Percent			TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/14/05
630	Toluene in gasoline by MSD D5769	6.11	Volume Percent			TW	2/1/05
46	Aromatics by FIA D1319	29.5	Volume Percent			NST	2/2/05
63	Benzene in Gasoline by GC/MSD D5769	1.26	Volume Percent			TW	2/1/05
69	Specific Gravity @ 60 deg F D4052	0.7506	60/60F			MM	1/25/05
692	Degrees API D4052	57.02	Degrees API			MM	1/25/05
691	Density @ 60 deg F D4052	0.74986	g/cm-03 @ 60 deg F			MM	1/25/05
101	Initial Boiling Point D86	99.1	Degrees F			MM	2/2/05
110	10 Percent D86	142.7	Degrees F			MM	2/2/05
150	50 Percent D86	221.7	Degrees F			MM	2/2/05
190	90 Percent D86	340.2	Degrees F			MM	2/2/05
200	End Point D86	444.9	Degrees F			MM	2/2/05
201	Residue D86	1	mL			MM	2/2/05
202	Total Recovery D86	97.8	mL			MM	2/2/05
203	Loss D86	1.2	mL			MM	2/2/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/14/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/14/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

NVFEL Fuel Analysis Report

13626

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/19/05.

Season: Winter

Kansas City Samples- FTAG: 13626 Comments: 11 of 35; 82; 7-30-04
SKH303(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/14/05
534	Ethanol by D5599	0.20	Oxy Percent			TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/14/05
421	Sulfur in Gasoline D2622	107	Parts Per Million			NST	2/23/05
62	Vapor Pressure by D5191 (Modified)	6.89	PSI			NST	1/24/05
65	Percent Evaporated at 200 Degrees F D86	39	Volume Percent			MM	2/2/05
66	Percent Evaporated at 300 Degrees F D86	79.3	Volume Percent			MM	2/2/05
48	Aromatics in Gasoline MSD D5769	36.45	Volume Percent			TW	2/1/05
49	Olefins in by FIA D1319	8	Volume Percent			NST	2/2/05
64	Benzene in Gasoline D3606	2.17	Volume Percent			TW	2/17/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/14/05
59	Weight Percent Oxygen by D5599	0.20	Weight Percent			TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.54	Volume Percent			TS	2/14/05
532	Ethanol by D5599	0.54	Volume Percent			TS	2/14/05
57	TAME by D5599	0.00	Volume Percent			TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/14/05
630	Toluene in gasoline by MSD D5769	8.84	Volume Percent			TW	2/1/05
46	Aromatics by FIA D1319	36	Volume Percent			NST	2/2/05
63	Benzene in Gasoline by GC/MSD D5769	2.13	Volume Percent			TW	2/1/05
69	Specific Gravity @ 60 deg F D4052	0.76213	60/60F			MM	1/25/05
692	Degrees API D4052	54.16	Degrees API			MM	1/25/05
691	Density @ 60 deg F D4052	0.76138	g/cm-03 @ 60 deg F			MM	1/25/05
101	Initial Boiling Point D86	99.9	Degrees F			MM	2/2/05
110	10 Percent D86	141.3	Degrees F			MM	2/2/05
150	50 Percent D86	223.3	Degrees F			MM	2/2/05
190	90 Percent D86	339.1	Degrees F			MM	2/2/05
200	End Point D86	421.9	Degrees F			MM	2/2/05
201	Residue D86	0.9	mL			MM	2/2/05
202	Total Recovery D86	97.7	mL			MM	2/2/05
203	Loss D86	1.4	mL			MM	2/2/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/14/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/14/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/19/05.

Season: Winter

Kansas City Samples- FTAG: 13627 Comments: 12 of 35; 189; 8-20-04
SJU224(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/14/05
421	Sulfur in Gasoline D2622	97	Parts Per Million			NST	2/23/05
421	Sulfur in Gasoline D2622	90	Parts Per Million			NST	2/23/05
62	Vapor Pressure by D5191 (Modified)	6.7	PSI			NST	1/24/05
65	Percent Evaporated at 200 Degrees F D86	39.4	Volume Percent			MM	2/4/05
66	Percent Evaporated at 300 Degrees F D86	79.9	Volume Percent			MM	2/4/05
48	Aromatics in Gasoline MSD D5769	33.18	Volume Percent			TW	2/1/05
49	Olefins in by FIA D1319	8.7	Volume Percent			NST	2/3/05
64	Benzene in Gasoline D3606	1.58	Volume Percent			TW	2/17/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/14/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/14/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/14/05
57	TAME by D5599	0.00	Volume Percent			TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/14/05
46	Aromatics by FIA D1319	33.9	Volume Percent			NST	2/3/05
63	Benzene in Gasoline by GC/MSD D5769	1.55	Volume Percent			TW	2/1/05
630	Toluene in gasoline by MSD D5769	7.39	Volume Percent			TW	2/1/05
69	Specific Gravity @ 60 deg F D4052	0.7576	60/60F			MM	1/25/05
69	Specific Gravity @ 60 deg F D4052	0.75761	60/60F			MM	1/25/05
692	Degrees API D4052	55.27	Degrees API			MM	1/25/05
692	Degrees API D4052	55.27	Degrees API			MM	1/25/05
691	Density @ 60 deg F D4052	0.75685	g/cm-03 @ 60 deg F			MM	1/25/05
691	Density @ 60 deg F D4052	0.75686	g/cm-03 @ 60 deg F			MM	1/25/05
101	Initial Boiling Point D86	101.5	Degrees F			MM	2/4/05
110	10 Percent D86	142.2	Degrees F			MM	2/4/05
150	50 Percent D86	223	Degrees F			MM	2/4/05
190	90 Percent D86	337.6	Degrees F			MM	2/4/05
200	End Point D86	425.5	Degrees F			MM	2/4/05
201	Residue D86	0.9	mL			MM	2/4/05

202	Total Recovery	D86	97.5 mL	MM	2/4/05
203	Loss	D86	1.6 mL	MM	2/4/05
543	Methanol	by D5599	0.00 Volume Percent	TS	2/14/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/14/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/19/05.

Season: Winter

Kansas City Samples- FTAG: 13628 Comments: 16 of 35; (494); 12/14/04
355FEM(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/14/05
552	MTBE by D5599	0.00	Oxy Percent			TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/14/05
421	Sulfur in Gasoline D2622	120	Parts Per Million			NST	2/23/05
62	Vapor Pressure by D5191 (Modified)	12.92	PSI			NST	1/24/05
65	Percent Evaporated at 200 Degrees F D86	48.9	Volume Percent			MM	2/4/05
66	Percent Evaporated at 300 Degrees F D86	84.7	Volume Percent			MM	2/4/05
48	Aromatics in Gasoline MSD D5769	21.98	Volume Percent			TW	2/1/05
49	Olefins In by FIA D1319	10.2	Volume Percent			NST	2/3/05
64	Benzene in Gasoline D3606	0.96	Volume Percent			TW	2/17/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/14/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/14/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/14/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/14/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/14/05
57	TAME by D5599	0.00	Volume Percent			TS	2/14/05
57	TAME by D5599	0.00	Volume Percent			TS	2/14/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/14/05
63	Benzene in Gasoline by GC/MSD D5769	0.94	Volume Percent			TW	2/1/05
630	Toluene in gasoline by MSD D5769	5.56	Volume Percent			TW	2/1/05
46	Aromatics by FIA D1319	22.4	Volume Percent			NST	2/3/05
69	Specific Gravity @ 60 deg F D4052	0.7286	60/60F			MM	1/25/05
692	Degrees API D4052	62.71	Degrees API			MM	1/25/05
691	Density @ 60 deg F D4052	0.72788	g/cm-03 @ 60 deg F			MM	1/25/05

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101	Initial Boiling Point	D86	82 Degrees F	MM	2/4/05
110	10 Percent	D86	106 Degrees F	MM	2/4/05
150	50 Percent	D86	202.6 Degrees F	MM	2/4/05
190	90 Percent	D86	326.1 Degrees F	MM	2/4/05
200	End Point	D86	420.3 Degrees F	MM	2/4/05
201	Residue	D86	0.8 mL	MM	2/4/05
202	Total Recovery	D86	96.6 mL	MM	2/4/05
203	Loss	D86	2.6 mL	MM	2/4/05
543	Methanol	by D5599	0.00 Volume Percent	TS	2/14/05
543	Methanol	by D5599	0.00 Volume Percent	TS	2/14/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/14/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/14/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/19/05.

Season: Winter

Kansas City Samples-533 FTAG: 13629

Comments: 17 of 35; 1-11-05

Test Code	Test Method	Results	Units	Fuel Code: 41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent		TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent		TS	2/14/05
421	Sulfur in Gasoline D2622	134	Parts Per Million		NST	2/23/05
62	Vapor Pressure by D5191 (Modified)	13.97	PSI		NST	1/24/05
65	Percent Evaporated at 200 Degrees F D86	52.9	Volume Percent		MM	2/4/05
66	Percent Evaporated at 300 Degrees F D86	84.8	Volume Percent		MM	2/4/05
48	Aromatics in Gasoline MSD D5769	22.05	Volume Percent		TW	2/1/05
49	Olefins in by FIA D1319	9.9	Volume Percent		NST	2/3/05
64	Benzene in Gasoline D3606	1.04	Volume Percent		TW	2/17/05
55	MTBE by D5599	0.00	Volume Percent		TS	2/14/05
57	TAME by D5599	0.00	Volume Percent		TS	2/14/05
532	Ethanol by D5599	0.00	Volume Percent		TS	2/14/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent		TS	2/14/05
63	Benzene in Gasoline by GC/MSD D5769	1.01	Volume Percent		TW	2/1/05
630	Toluene in gasoline by MSD D5769	4.88	Volume Percent		TW	2/1/05
46	Aromatics by FIA D1319	21.4	Volume Percent		NST	2/3/05
69	Specific Gravity @ 60 deg F D4052	0.72512	60/60F		MM	1/25/05
692	Degrees API D4052	63.64	Degrees API		MM	1/25/05
691	Density @ 60 deg F D4052	0.7244	g/cm-03 @ 60 deg F		MM	1/25/05
101	Initial Boiling Point D86	78.4	Degrees F		MM	2/4/05
110	10 Percent D86	95	Degrees F		MM	2/4/05
150	50 Percent D86	192.7	Degrees F		MM	2/4/05
190	90 Percent D86	326.5	Degrees F		MM	2/4/05
200	End Point D86	421.2	Degrees F		MM	2/4/05
201	Residue D86	0.4	mL		MM	2/4/05
202	Total Recovery D86	96.3	mL		MM	2/4/05
203	Loss D86	3.3	mL		MM	2/4/05
543	Methanol by D5599	0.00	Volume Percent		TS	2/14/05
584	Isopropanol by D5599	0.00	Volume Percent		TS	2/14/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 1/19/05.

VOC

Season: Winter

Kansas City Samples-
GR8WSH(Mo)

FTAG: 13630

Comments: 18 of 35; #452; 12/1/04

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/14/05
421	Sulfur in Gasoline D2622	93	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	12.36	PSI			NST	1/24/05
65	Percent Evaporated at 200 Degrees F D86	49.7	Volume Percent			MM	2/4/05
66	Percent Evaporated at 300 Degrees F D86	85.2	Volume Percent			MM	2/4/05
48	Aromatics in Gasoline MSD D5769	24.07	Volume Percent			TW	2/1/05
49	Olefins in by FIA D1319	10.1	Volume Percent			NST	2/3/05
64	Benzene in Gasoline D3606	1.20	Volume Percent			TW	2/17/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/14/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/14/05
57	TAME by D5599	0.00	Volume Percent			TS	2/14/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/14/05
63	Benzene in Gasoline by GC/MSD D5769	1.17	Volume Percent			TW	2/1/05
630	Toluene in gasoline by MSD D5769	5.8	Volume Percent			TW	2/1/05
46	Aromatics by FIA D1319	23.3	Volume Percent			NST	2/3/05
69	Specific Gravity @ 60 deg F D4052	0.72967	60/60F			MM	1/25/05
692	Degrees API D4052	62.42	Degrees API			MM	1/25/05
691	Density @ 60 deg F D4052	0.72895	g/cm-03 @ 60 deg F			MM	1/25/05
101	Initial Boiling Point D86	82.6	Degrees F			MM	2/4/05
110	10 Percent D86	107.1	Degrees F			MM	2/4/05
150	50 Percent D86	200.7	Degrees F			MM	2/4/05
190	90 Percent D86	320.5	Degrees F			MM	2/4/05
200	End Point D86	404.8	Degrees F			MM	2/4/05
201	Residue D86	0.8	mL			MM	2/4/05
202	Total Recovery D86	96.7	mL			MM	2/4/05
203	Loss D86	2.5	mL			MM	2/4/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/14/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/14/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

NVFEL Fuel Analysis Report

13631

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/19/05.

Season: Winter

Kansas City Samples-
QMH801(Ks)

FTAG: 13631

Comments: 19 of 35; (471); 12/8/04

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/14/05
421	Sulfur in Gasoline D2622	116	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	11.98	PSI			NST	1/24/05
65	Percent Evaporated at 200 Degrees F D86	48.6	Volume Percent			MM	2/4/05
66	Percent Evaporated at 300 Degrees F D86	85.3	Volume Percent			MM	2/4/05
48	Aromatics in Gasoline MSD D5769	25.24	Volume Percent			TW	2/1/05
49	Olefins in by FIA D1319	9.7	Volume Percent			NST	2/3/05
64	Benzene in Gasoline D3606	1.29	Volume Percent			TW	2/17/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/14/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/14/05
57	TAME by D5599	0.00	Volume Percent			TS	2/14/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/14/05
63	Benzene in Gasoline by GC/MSD D5769	1.26	Volume Percent			TW	2/1/05
630	Toluene in gasoline by MSD D5769	6.17	Volume Percent			TW	2/1/05
46	Aromatics by FIA D1319	24.8	Volume Percent			NST	2/3/05
69	Specific Gravity @ 60 deg F D4052	0.73324	60/60F			MM	1/25/05
692	Degrees API D4052	61.48	Degrees API			MM	1/25/05
691	Density @ 60 deg F D4052	0.73251	g/cm-03 @ 60 deg F			MM	1/25/05
101	Initial Boiling Point D86	84	Degrees F			MM	2/4/05
110	10 Percent D86	110.8	Degrees F			MM	2/4/05
150	50 Percent D86	203.4	Degrees F			MM	2/4/05
190	90 Percent D86	318.7	Degrees F			MM	2/4/05
200	End Point D86	404.2	Degrees F			MM	2/4/05
201	Residue D86	0.8	mL			MM	2/4/05
202	Total Recovery D86	97.1	mL			MM	2/4/05
203	Loss D86	2.1	mL			MM	2/4/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/14/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/14/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

NVFEL Fuel Analysis Report

13632

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/19/05.

Season: Winter

Kansas City Samples- FTAG: 13632 Comments: 23 of 35; #132; 8/7/04
QBL236(Ks)

Test Code	Test Method	Results	Units	Fuel Code: 41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent		TS	2/14/05
534	Ethanol by D5599	11.47	Oxy Percent		TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent		TS	2/14/05
421	Sulfur in Gasoline D2622	79	Parts Per Million		NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	8.17	PSI		NST	1/24/05
48	Aromatics in Gasoline MSD D5769	19.77	Volume Percent		TW	2/1/05
49	Olefins in by FIA D1319	6.9	Volume Percent		NST	2/3/05
64	Benzene in Gasoline D3606	0.80	Volume Percent		TW	2/17/05
64	Benzene in Gasoline D3606	0.80	Volume Percent		TW	2/17/05
532	Ethanol by D5599	31.49	Volume Percent		TS	2/14/05
55	MTBE by D5599	0.00	Volume Percent		TS	2/14/05
57	TAME by D5599	0.00	Volume Percent		TS	2/14/05
593	Volume Percent Oxygenates by D5599	31.49	Volume Percent		TS	2/14/05
59	Weight Percent Oxygen by D5599	11.47	Weight Percent		TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent		TS	2/14/05
46	Aromatics by FIA D1319	19.1	Volume Percent		NST	2/3/05
63	Benzene in Gasoline by GC/MSD D5769	0.82	Volume Percent		TW	2/1/05
630	Toluene in gasoline by MSD D5769	4.7	Volume Percent		TW	2/1/05
69	Specific Gravity @ 60 deg F D4052	0.75739	60/60F		MM	1/25/05
692	Degrees API D4052	55.33	Degrees API		MM	1/25/05
691	Density @ 60 deg F D4052	0.75664	g/cm-03 @ 60 deg F		MM	1/25/05
543	Methanol by D5599	0.00	Volume Percent		TS	2/14/05
584	Isopropanol by D5599	0.00	Volume Percent		TS	2/14/05
585	t-Butanol by D5599	0.00	Volume Percent		TS	2/14/05
586	n-Propanol by D5599	0.00	Volume Percent		TS	2/14/05
587	sec-Butanol by D5599	0.00	Volume Percent		TS	2/14/05
588	DIPE by D5599	0.00	Volume Percent		TS	2/14/05
589	Isobutanol by D5599	0.00	Volume Percent		TS	2/14/05
5801	t-Amyl Alcohol by D5599	0.00	Volume Percent		TS	2/14/05
5802	n-Butanol by D5599	0.00	Volume Percent		TS	2/14/05

NVFEL Fuel Analysis Report

13633

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/19/05.

Season: Winter

Kansas City Samples- FTAG: 13633 Comments: 24 of 35; 432; 9-29-04
941F4W

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/14/05
421	Sulfur in Gasoline D2622	83	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	8.21	PSI			NST	1/24/05
65	Percent Evaporated at 200 Degrees F D86	43.9	Volume Percent			MM	2/4/05
66	Percent Evaporated at 300 Degrees F D86	79.2	Volume Percent			MM	2/4/05
48	Aromatics in Gasoline MSD D5769	29.97	Volume Percent			TW	2/1/05
49	Olefins in by FIA D1319	9.3	Volume Percent			NST	2/8/05
64	Benzene in Gasoline D3606	0.97	Volume Percent			TW	2/17/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/14/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/14/05
57	TAME by D5599	0.00	Volume Percent			TS	2/14/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/14/05
630	Toluene in gasoline by MSD D5769	6.45	Volume Percent			TW	2/1/05
63	Benzene in Gasoline by GC/MSD D5769	0.94	Volume Percent			TW	2/1/05
46	Aromatics by FIA D1319	30.4	Volume Percent			NST	2/8/05
69	Specific Gravity @ 60 deg F D4052	0.74905	60/60F			MM	1/25/05
69	Specific Gravity @ 60 deg F D4052	0.7491	60/60F			MM	1/25/05
692	Degrees API D4052	57.41	Degrees API			MM	1/25/05
692	Degrees API D4052	57.39	Degrees API			MM	1/25/05
691	Density @ 60 deg F D4052	0.74836	g/cm-03 @ 60 deg F			MM	1/25/05
691	Density @ 60 deg F D4052	0.74831	g/cm-03 @ 60 deg F			MM	1/25/05
101	Initial Boiling Point D86	95.2	Degrees F			MM	2/4/05
110	10 Percent D86	129	Degrees F			MM	2/4/05
150	50 Percent D86	216.9	Degrees F			MM	2/4/05
190	90 Percent D86	342.9	Degrees F			MM	2/4/05
200	End Point D86	425.8	Degrees F			MM	2/4/05
201	Residue D86	0.8	mL			MM	2/4/05
202	Total Recovery D86	97.3	mL			MM	2/4/05

203	Loss	D86	1.9 mL	MM	2/4/05
543	Methanol	by D5599	0.00 Volume Percent	TS	2/14/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/14/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

NVFEL Fuel Analysis Report

13634

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/19/05.

Season: Winter

Kansas City Samples- FTAG: 13634 Comments: 25 of 35; 439; 9-30-?

QPJ860Ks

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/14/05
421	Sulfur in Gasoline D2622	130	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	8.43	PSI			NST	1/26/05
65	Percent Evaporated at 200 Degrees F D86	44.1	Volume Percent			MM	2/14/05
66	Percent Evaporated at 300 Degrees F D86	78.4	Volume Percent			MM	2/14/05
48	Aromatics in Gasoline MSD D5769	32.3	Volume Percent			TW	2/1/05
49	Olefins in by FIA D1319	9.1	Volume Percent			NST	2/8/05
64	Benzene in Gasoline D3606	0.92	Volume Percent			TW	2/17/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/14/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/14/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/14/05
57	TAME by D5599	0.00	Volume Percent			TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/14/05
630	Toluene in gasoline by MSD D5769	6.87	Volume Percent			TW	2/1/05
46	Aromatics by FIA D1319	32.3	Volume Percent			NST	2/8/05
63	Benzene in Gasoline by GC/MSD D5769	0.89	Volume Percent			TW	2/1/05
69	Specific Gravity @ 60 deg F D4052	0.75067	60/60F			MM	1/27/05
692	Degrees API D4052	57	Degrees API			MM	1/27/05
691	Density @ 60 deg F D4052	0.74992	g/cm-03 @ 60 deg F			MM	1/27/05
101	Initial Boiling Point D86	92.2	Degrees F			MM	2/14/05
110	10 Percent D86	122.8	Degrees F			MM	2/14/05
150	50 Percent D86	220.7	Degrees F			MM	2/14/05
190	90 Percent D86	341.3	Degrees F			MM	2/14/05
200	End Point D86	428.7	Degrees F			MM	2/14/05
201	Residue D86	0.7	mL			MM	2/14/05
202	Total Recovery D86	97.3	mL			MM	2/14/05
203	Loss D86	2	mL			MM	2/14/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/14/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/14/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

NVFEL Fuel Analysis Report

13635

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/19/05.

Season: Winter

Kansas City Samples- FTAG: 13635 Comments: 26 of 35; (469); 12/7/04
008HJ4(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/14/05
421	Sulfur in Gasoline D2622	106	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	10.89	PSI			NST	1/26/05
65	Percent Evaporated at 200 Degrees F D86	48.2	Volume Percent			MM	2/2/05
66	Percent Evaporated at 300 Degrees F D86	83.7	Volume Percent			MM	2/2/05
48	Aromatics in Gasoline MSD D5769	25.99	Volume Percent			TW	2/2/05
49	Olefins in by FIA D1319	10	Volume Percent			NST	2/8/05
64	Benzene in Gasoline D3606	1.27	Volume Percent			TW	2/17/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/14/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/14/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/14/05
57	TAME by D5599	0.00	Volume Percent			TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/14/05
46	Aromatics by FIA D1319	26.6	Volume Percent			NST	2/8/05
63	Benzene in Gasoline by GC/MSD D5769	1.25	Volume Percent			TW	2/2/05
630	Toluene in gasoline by MSD D5769	6.01	Volume Percent			TW	2/2/05
69	Specific Gravity @ 60 deg F D4052	0.73638	60/60F			MM	1/27/05
692	Degrees API D4052	60.66	Degrees API			MM	1/27/05
691	Density @ 60 deg F D4052	0.73565	g/cm-03 @ 60 deg F			MM	1/27/05
101	Initial Boiling Point D86	85.8	Degrees F			MM	2/2/05
110	10 Percent D86	112.6	Degrees F			MM	2/2/05
150	50 Percent D86	204.1	Degrees F			MM	2/2/05
190	90 Percent D86	325.9	Degrees F			MM	2/2/05
200	End Point D86	408.9	Degrees F			MM	2/2/05
201	Residue D86	0.8	mL			MM	2/2/05
202	Total Recovery D86	97.4	mL			MM	2/2/05
203	Loss D86	1.8	mL			MM	2/2/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/14/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/14/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

NVFEL Fuel Analysis Report

13636

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 1/19/05.

VOC

Season: Winter

Kansas City Samples- FTAG: 13636 Comments: 34 of 35; 51; 7-24-04
064MRF(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent	41	TS	2/14/05
562	ETBE by D5599	0.00	Oxy Percent		TS	2/14/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	2/14/05
572	TAME by D5599	0.00	Oxy Percent		TS	2/14/05
421	Sulfur in Gasoline D2622	215	Parts Per Million		NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	6.5	PSI		NST	1/26/05
65	Percent Evaporated at 200 Degrees F D86	37.3	Volume Percent		MM	2/2/05
66	Percent Evaporated at 300 Degrees F D86	81.4	Volume Percent		MM	2/2/05
48	Aromatics in Gasoline MSD D5769	34.72	Volume Percent		TW	2/2/05
49	Olefins in by FIA D1319	8.3	Volume Percent		NST	2/8/05
64	Benzene in Gasoline D3606	1.88	Volume Percent		TW	2/18/05
532	Ethanol by D5599	0.00	Volume Percent		TS	2/14/05
55	MTBE by D5599	0.00	Volume Percent		TS	2/14/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	2/14/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	2/14/05
57	TAME by D5599	0.00	Volume Percent		TS	2/14/05
56	ETBE by D5599	0.00	Volume Percent		TS	2/14/05
46	Aromatics by FIA D1319	34	Volume Percent		NST	2/8/05
63	Benzene in Gasoline by GC/MSD D5769	1.83	Volume Percent		TW	2/2/05
630	Toluene in gasoline by MSD D5769	8.08	Volume Percent		TW	2/2/05
69	Specific Gravity @ 60 deg F D4052	0.75809	60/60F		MM	1/27/05
692	Degrees API D4052	55.15	Degrees API		MM	1/27/05
691	Density @ 60 deg F D4052	0.75734	g/cm-03 @ 60 deg F		MM	1/27/05
101	Initial Boiling Point D86	102.2	Degrees F		MM	2/2/05
110	10 Percent D86	145	Degrees F		MM	2/2/05
150	50 Percent D86	225.9	Degrees F		MM	2/2/05
190	90 Percent D86	328.5	Degrees F		MM	2/2/05
200	End Point D86	413.4	Degrees F		MM	2/2/05
201	Residue D86	0.8	mL		MM	2/2/05
202	Total Recovery D86	97.7	mL		MM	2/2/05
203	Loss D86	1.5	mL		MM	2/2/05
543	Methanol by D5599	0.00	Volume Percent		TS	2/14/05
584	Isopropanol by D5599	0.00	Volume Percent		TS	2/14/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/14/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/14/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/14/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/14/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/14/05

NVFEL Fuel Analysis Report

13649

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/26/05.

Season: Winter

Kansas City Samples- FTAG: 13649 Comments: Label Ink is partially dissolved
QLX676(KS)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/15/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/15/05
421	Sulfur in Gasoline D2622	159	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	7.35	PSI			NST	1/26/05
65	Percent Evaporated at 200 Degrees F D86	39.3	Volume Percent			MM	2/1/05
66	Percent Evaporated at 300 Degrees F D86	80.9	Volume Percent			MM	2/1/05
48	Aromatics in Gasoline MSD D5769	32.59	Volume Percent			TW	2/2/05
49	Olefins in by FIA D1319	8.4	Volume Percent			NST	2/9/05
64	Benzene in Gasoline D3606	1.65	Volume Percent			TW	2/18/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/15/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/15/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/15/05
57	TAME by D5599	0.00	Volume Percent			TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/15/05
46	Aromatics by FIA D1319	32	Volume Percent			NST	2/9/05
63	Benzene in Gasoline by GC/MSD D5769	1.6	Volume Percent			TW	2/2/05
630	Toluene in gasoline by MSD D5769	7.29	Volume Percent			TW	2/2/05
69	Specific Gravity @ 60 deg F D4052	0.75409	60/60F			MM	1/27/05
692	Degrees API D4052	56.14	Degrees API			MM	1/27/05
691	Density @ 60 deg F D4052	0.75334	g/cm-03 @ 60 deg F			MM	1/27/05
101	Initial Boiling Point D86	98.6	Degrees F			MM	2/1/05
110	10 Percent D86	138.4	Degrees F			MM	2/1/05
150	50 Percent D86	223.2	Degrees F			MM	2/1/05
190	90 Percent D86	330.8	Degrees F			MM	2/1/05
200	End Point D86	414.1	Degrees F			MM	2/1/05
201	Residue D86	0.8	mL			MM	2/1/05
202	Total Recovery D86	97.6	mL			MM	2/1/05
203	Loss D86	1.6	mL			MM	2/1/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/15/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/15/05

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585	t-Butanol	by D5599	0.00	Volume Percent	TS	2/15/05
586	n-Propanol	by D5599	0.00	Volume Percent	TS	2/15/05
587	sec-Butanol	by D5599	0.00	Volume Percent	TS	2/15/05
588	DIPE	by D5599	0.00	Volume Percent	TS	2/15/05
589	Isobutanol	by D5599	0.00	Volume Percent	TS	2/15/05
5801	t-Amyl Alcohol	by D5599	0.00	Volume Percent	TS	2/15/05
5802	n-Butanol	by D5599	0.00	Volume Percent	TS	2/15/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/26/05.

Season: Winter

Kansas City Samples-
USX537(Mo)

FTAG: 13650

Comments: Overpack damp; Label damp but readable; gasoline smell

Test Code	Test Method	Results	Units	Fuel Code: 41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent		TS	2/15/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent		TS	2/15/05
421	Sulfur in Gasoline D2622	284	Parts Per Million		NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	13.69	PSI		NST	1/26/05
65	Percent Evaporated at 200 Degrees F D86	51.4	Volume Percent		MM	2/1/05
66	Percent Evaporated at 300 Degrees F D86	85.3	Volume Percent		MM	2/1/05
48	Aromatics in Gasoline MSD D5769	22.65	Volume Percent		TW	2/2/05
49	Olefins In by FIA D1319	9.9	Volume Percent		NST	2/9/05
64	Benzene in Gasoline D3606	1.08	Volume Percent		TW	2/18/05
532	Ethanol by D5599	0.00	Volume Percent		TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent		TS	2/15/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	2/15/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	2/15/05
57	TAME by D5599	0.00	Volume Percent		TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent		TS	2/15/05
46	Aromatics by FIA D1319	22.1	Volume Percent		NST	2/9/05
63	Benzene in Gasoline by GC/MSD D5769	1.04	Volume Percent		TW	2/2/05
630	Toluene in gasoline by MSD D5769	5.02	Volume Percent		TW	2/2/05
69	Specific Gravity @ 60 deg F D4052	0.72684	60/60F		MM	1/27/05
692	Degrees API D4052	63.18	Degrees API		MM	1/27/05
691	Density @ 60 deg F D4052	0.72612	g/cm-03 @ 60 deg F		MM	1/27/05
101	Initial Boiling Point D86	79.2	Degrees F		MM	2/1/05
110	10 Percent D86	100	Degrees F		MM	2/1/05
150	50 Percent D86	196.7	Degrees F		MM	2/1/05
190	90 Percent D86	320.7	Degrees F		MM	2/1/05
200	End Point D86	410.5	Degrees F		MM	2/1/05
201	Residue D86	0.4	mL		MM	2/1/05
202	Total Recovery D86	96.4	mL		MM	2/1/05
203	Loss D86	3.2	mL		MM	2/1/05
543	Methanol by D5599	0.00	Volume Percent		TS	2/15/05
584	Isopropanol by D5599	0.00	Volume Percent		TS	2/15/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/15/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/15/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/15/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/15/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 1/26/05.

VOC

Season: Winter

Kansas City Samples-
QHK162(Ks)

FTAG: 13651

Comments:

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/15/05
534	Ethanol by D5599	0.21	Oxy Percent			TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/15/05
421	Sulfur in Gasoline D2622	316	Parts Per Million			NST	3/10/05
421	Sulfur in Gasoline D2622	314	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	13.98	PSI			NST	1/26/05
65	Percent Evaporated at 200 Degrees F D86	49.9	Volume Percent			MM	2/2/05
66	Percent Evaporated at 300 Degrees F D86	85.5	Volume Percent			MM	2/2/05
48	Aromatics in Gasoline MSD D5769	23.5	Volume Percent			TW	2/2/05
49	Olefins in by FIA D1319	9.5	Volume Percent			NST	2/10/05
64	Benzene in Gasoline D3606	1.24	Volume Percent			TW	2/18/05
59	Weight Percent Oxygen by D5599	0.21	Weight Percent			TS	2/15/05
593	Volume Percent Oxygenates by D5599	0.55	Volume Percent			TS	2/15/05
532	Ethanol by D5599	0.55	Volume Percent			TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/15/05
57	TAME by D5599	0.00	Volume Percent			TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/15/05
630	Toluene in gasoline by MSD D5769	5.52	Volume Percent			TW	2/2/05
63	Benzene in Gasoline by GC/MSD D5769	1.21	Volume Percent			TW	2/2/05
46	Aromatics by FIA D1319	23.9	Volume Percent			NST	2/10/05
69	Specific Gravity @ 60 deg F D4052	0.72997	60/60F			MM	1/27/05
692	Degrees API D4052	62.34	Degrees API			MM	1/27/05
691	Density @ 60 deg F D4052	0.72925	g/cm-03 @ 60 deg F			MM	1/27/05
101	Initial Boiling Point D86	80.1	Degrees F			MM	2/2/05
110	10 Percent D86	99.3	Degrees F			MM	2/2/05
150	50 Percent D86	200.3	Degrees F			MM	2/2/05
190	90 Percent D86	319.1	Degrees F			MM	2/2/05
200	End Point D86	395.8	Degrees F			MM	2/2/05
201	Residue D86	0.8	mL			MM	2/2/05
202	Total Recovery D86	96.1	mL			MM	2/2/05
203	Loss D86	3.1	mL			MM	2/2/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/15/05

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584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/15/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/15/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/15/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/15/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/15/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/26/05.

Season: Winter

Kansas City Samples-
VQH119(Ks)

FTAG: 13652

Comments:

Sample leaked to the extent that label was obliterated

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/15/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/15/05
421	Sulfur in Gasoline D2622	73	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	6.09	PSI			NST	1/26/05
65	Percent Evaporated at 200 Degrees F D86	37.1	Volume Percent			MM	2/2/05
66	Percent Evaporated at 300 Degrees F D86	73.7	Volume Percent			MM	2/2/05
48	Aromatics in Gasoline MSD D5769	36.44	Volume Percent			TW	2/2/05
49	Olefins in by FIA D1319	10.4	Volume Percent			NST	2/10/05
64	Benzene in Gasoline D3606	1.64	Volume Percent			TW	2/18/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/15/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/15/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/15/05
57	TAME by D5599	0.00	Volume Percent			TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/15/05
46	Aromatics by FIA D1319	36.7	Volume Percent			NST	2/10/05
63	Benzene in Gasoline by GC/MSD D5769	1.6	Volume Percent			TW	2/2/05
630	Toluene in gasoline by MSD D5769	8.33	Volume Percent			TW	2/2/05
69	Specific Gravity @ 60 deg F D4052	0.76526	60/60F			MM	1/27/05
692	Degrees API D4052	53.41	Degrees API			MM	1/27/05
691	Density @ 60 deg F D4052	0.7645	g/cm-03 @ 60 deg F			MM	1/27/05
101	Initial Boiling Point D86	101.8	Degrees F			MM	2/2/05
110	10 Percent D86	144.7	Degrees F			MM	2/2/05
150	50 Percent D86	230.9	Degrees F			MM	2/2/05
190	90 Percent D86	355.1	Degrees F			MM	2/2/05
200	End Point D86	427.1	Degrees F			MM	2/2/05
201	Residue D86	0.7	mL			MM	2/2/05
202	Total Recovery D86	97.9	mL			MM	2/2/05
203	Loss D86	1.4	mL			MM	2/2/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/15/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/15/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/15/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/15/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/15/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/15/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/26/05.

Season: Winter

Kansas City Samples-
QBX511(Ks)

FTAG: 13653

Comments:

Sample leaked to the extent that label was partially obliterated

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	2/15/05
552	MTBE by D5599	0.00	Oxy Percent		TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent		TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent		TS	2/15/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	2/15/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent		TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent		TS	2/15/05
421	Sulfur in Gasoline D2622	138	Parts Per Million		NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	6.12	PSI		NST	1/26/05
65	Percent Evaporated at 200 Degrees F D86	37.2	Volume Percent		MM	2/2/05
66	Percent Evaporated at 300 Degrees F D86	80.9	Volume Percent		MM	2/2/05
48	Aromatics in Gasoline MSD D5769	35.45	Volume Percent		TW	2/2/05
49	Olefins in by FIA D1319	7.9	Volume Percent		NST	2/10/05
49	Olefins in by FIA D1319	8.3	Volume Percent		NST	2/14/05
64	Benzene in Gasoline D3606	1.75	Volume Percent		TW	2/18/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	2/15/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent		TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent		TS	2/15/05
532	Ethanol by D5599	0.00	Volume Percent		TS	2/15/05
532	Ethanol by D5599	0.00	Volume Percent		TS	2/15/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	2/15/05
57	TAME by D5599	0.00	Volume Percent		TS	2/15/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	2/15/05
57	TAME by D5599	0.00	Volume Percent		TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent		TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent		TS	2/15/05
630	Toluene in gasoline by MSD D5769	7.93	Volume Percent		TW	2/2/05
46	Aromatics by FIA D1319	35.8	Volume Percent		NST	2/10/05
46	Aromatics by FIA D1319	36	Volume Percent		NST	2/14/05
63	Benzene in Gasoline by GC/MSD D5769	1.71	Volume Percent		TW	2/2/05
69	Specific Gravity @ 60 deg F D4052	0.75994	60/60F		MM	1/27/05

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692	Degrees API	D4052	54.7 Degrees API	MM	1/27/05
691	Density @ 60 deg F	D4052	0.75919 g/cm-03 @ 60 deg F	MM	1/27/05
101	Initial Boiling Point	D86	104.2 Degrees F	MM	2/2/05
110	10 Percent	D86	145.2 Degrees F	MM	2/2/05
150	50 Percent	D86	227.1 Degrees F	MM	2/2/05
190	90 Percent	D86	331.7 Degrees F	MM	2/2/05
200	End Point	D86	419.4 Degrees F	MM	2/2/05
201	Residue	D86	0.8 mL	MM	2/2/05
202	Total Recovery	D86	97.8 mL	MM	2/2/05
203	Loss	D86	1.4 mL	MM	2/2/05
543	Methanol	by D5599	0.00 Volume Percent	TS	2/15/05
543	Methanol	by D5599	0.00 Volume Percent	TS	2/15/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/15/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/15/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/15/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/15/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/15/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/15/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/15/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/15/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/15/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/15/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House
 Owner: EPA Phone: (913) 299-9480
 6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/26/05.

Season: Winter

Kansas City Samples-
STJIM2(Mo)

FTAG: 13654

Comments:

Sample leaked to the extent that label was obliterated

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/15/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/15/05
421	Sulfur in Gasoline D2622	23	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	5.89	PSI			NST	1/26/05
65	Percent Evaporated at 200 Degrees F D86	27.7	Volume Percent			MM	2/4/05
66	Percent Evaporated at 300 Degrees F D86	85.7	Volume Percent			MM	2/4/05
48	Aromatics in Gasoline MSD D5769	29.55	Volume Percent			TW	2/2/05
49	Olefins in by FIA D1319	2.4	Volume Percent			NST	2/10/05
64	Benzene in Gasoline D3606	1.77	Volume Percent			TW	2/18/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/15/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/15/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/15/05
57	TAME by D5599	0.00	Volume Percent			TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/15/05
46	Aromatics by FIA D1319	28	Volume Percent			NST	2/10/05
630	Toluene in gasoline by MSD D5769	9.31	Volume Percent			TW	2/2/05
63	Benzene in Gasoline by GC/MSD D5769	1.74	Volume Percent			TW	2/2/05
69	Specific Gravity @ 60 deg F D4052	0.74957	60/60F			MM	1/27/05
692	Degrees API D4052	57.28	Degrees API			MM	1/27/05
691	Density @ 60 deg F D4052	0.74883	g/cm-03 @ 60 deg F			MM	1/27/05
101	Initial Boiling Point D86	103.1	Degrees F			MM	2/4/05
110	10 Percent D86	160.5	Degrees F			MM	2/4/05
150	50 Percent D86	228.2	Degrees F			MM	2/4/05
190	90 Percent D86	318.4	Degrees F			MM	2/4/05
200	End Point D86	399.2	Degrees F			MM	2/4/05
201	Residue D86	0.9	mL			MM	2/4/05
202	Total Recovery D86	97.5	mL			MM	2/4/05
203	Loss D86	1.6	mL			MM	2/4/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/15/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/15/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/15/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/15/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/15/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/15/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/26/05.

Season: Winter

Kansas City Samples-
105TRX(Mo)

FTAG: 13655

Comments:

Overpack and label tag damp; Gasoline smell

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/15/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/15/05
421	Sulfur in Gasoline D2622	112	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	6.31	PSI			NST	1/26/05
65	Percent Evaporated at 200 Degrees F D86	38.1	Volume Percent			MM	2/4/05
66	Percent Evaporated at 300 Degrees F D86	81.2	Volume Percent			MM	2/4/05
48	Aromatics in Gasoline MSD D5769	30.86	Volume Percent			TW	2/2/05
49	Olefins in by FIA D1319	9.8	Volume Percent			NST	2/14/05
49	Olefins in by FIA D1319	10.4	Volume Percent			NST	2/10/05
64	Benzene in Gasoline D3606	1.13	Volume Percent			TW	2/18/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/15/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/15/05
57	TAME by D5599	0.00	Volume Percent			TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/15/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/15/05
46	Aromatics by FIA D1319	31.9	Volume Percent			NST	2/14/05
63	Benzene in Gasoline by GC/MSD D5769	1.09	Volume Percent			TW	2/2/05
46	Aromatics by FIA D1319	30.9	Volume Percent			NST	2/10/05
630	Toluene in gasoline by MSD D5769	8.38	Volume Percent			TW	2/2/05
69	Specific Gravity @ 60 deg F D4052	0.7542	60/60F			MM	1/27/05
692	Degrees API D4052	56.12	Degrees API			MM	1/27/05
691	Density @ 60 deg F D4052	0.75345	g/cm-03 @ 60 deg F			MM	1/27/05
101	Initial Boiling Point D86	100	Degrees F			MM	2/4/05
110	10 Percent D86	142.2	Degrees F			MM	2/4/05
150	50 Percent D86	223.7	Degrees F			MM	2/4/05
190	90 Percent D86	338	Degrees F			MM	2/4/05
200	End Point D86	424.4	Degrees F			MM	2/4/05
201	Residue D86	0.8	mL			MM	2/4/05
202	Total Recovery D86	97.7	mL			MM	2/4/05
203	Loss D86	1.5	mL			MM	2/4/05

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543	Methanol	by D5599	0.00 Volume Percent	TS	2/15/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/15/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/15/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/15/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/15/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/15/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/26/05.

Season: Winter

Kansas City Samples-
STJIM3(Mo)

FTAG: 13656

Comments: Overpack damp with gasoline; gas smell; tape glue dissolved

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/15/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/15/05
421	Sulfur in Gasoline D2622	38	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	10.72	PSI			NST	1/26/05
62	Vapor Pressure by D5191 (Modified)	10.7	PSI			NST	1/26/05
48	Aromatics in Gasoline MSD D5769	32.2	Volume Percent			TW	2/2/05
49	Olefins in by FIA D1319	3.7	Volume Percent			NST	2/10/05
64	Benzene in Gasoline D3606	0.72	Volume Percent			TW	2/18/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/15/05
57	TAME by D5599	0.00	Volume Percent			TS	2/15/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/15/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/15/05
63	Benzene in Gasoline by GC/MSD D5769	0.69	Volume Percent			TW	2/2/05
630	Toluene in gasoline by MSD D5769	5.99	Volume Percent			TW	2/2/05
46	Aromatics by FIA D1319	33	Volume Percent			NST	2/10/05
69	Specific Gravity @ 60 deg F D4052	0.74849	60/60F			MM	1/27/05
692	Degrees API D4052	57.55	Degrees API			MM	1/27/05
691	Density @ 60 deg F D4052	0.74775	g/cm-03 @ 60 deg F			MM	1/27/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/15/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/15/05
585	t-Butanol by D5599	0.00	Volume Percent			TS	2/15/05
586	n-Propanol by D5599	0.00	Volume Percent			TS	2/15/05
587	sec-Butanol by D5599	0.00	Volume Percent			TS	2/15/05
588	DIPE by D5599	0.00	Volume Percent			TS	2/15/05
589	Isobutanol by D5599	0.00	Volume Percent			TS	2/15/05
5801	t-Amyl Alcohol by D5599	0.00	Volume Percent			TS	2/15/05
5802	n-Butanol by D5599	0.00	Volume Percent			TS	2/15/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/26/05.

Season: Winter

Kansas City Samples-
ERGID-108

FTAG: 13657

Comments:

Sample leaked to the point that label was obliterated; Sample identity u

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/15/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/15/05
421	Sulfur in Gasoline D2622	159	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	6.43	PSI			NST	1/26/05
65	Percent Evaporated at 200 Degrees F D86	38.3	Volume Percent			MM	2/8/05
66	Percent Evaporated at 300 Degrees F D86	80.4	Volume Percent			MM	2/8/05
48	Aromatics in Gasoline MSD D5769	30.2	Volume Percent			TW	2/2/05
49	Olefins in by FIA D1319	10.3	Volume Percent			NST	2/14/05
64	Benzene in Gasoline D3606	1.42	Volume Percent			TW	2/18/05
64	Benzene in Gasoline D3606	1.43	Volume Percent			TW	2/18/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/15/05
57	TAME by D5599	0.00	Volume Percent			TS	2/15/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/15/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/15/05
63	Benzene in Gasoline by GC/MSD D5769	1.39	Volume Percent			TW	2/2/05
630	Toluene in gasoline by MSD D5769	6.36	Volume Percent			TW	2/2/05
46	Aromatics by FIA D1319	30.2	Volume Percent			NST	2/14/05
69	Specific Gravity @ 60 deg F D4052	0.75243	60/60F			MM	1/27/05
692	Degrees API D4052	56.56	Degrees API			MM	1/27/05
691	Density @ 60 deg F D4052	0.75169	g/cm-03 @ 60 deg F			MM	1/27/05
101	Initial Boiling Point D86	101.1	Degrees F			MM	2/8/05
110	10 Percent D86	146.1	Degrees F			MM	2/8/05
150	50 Percent D86	222.8	Degrees F			MM	2/8/05
190	90 Percent D86	337.1	Degrees F			MM	2/8/05
200	End Point D86	441.7	Degrees F			MM	2/8/05
201	Residue D86	0.7	mL			MM	2/8/05
202	Total Recovery D86	97.8	mL			MM	2/8/05
203	Loss D86	1.5	mL			MM	2/8/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/15/05

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584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/15/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/15/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/15/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/15/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/15/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05

NVFEL Fuel Analysis Report

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House
 Owner: EPA Phone: (913) 299-9480
 6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 1/26/05.

VOC

Season: Winter

Kansas City Samples- FTAG: 13658 Comments: Gasoline smell in container
 FB48MW

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/15/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/15/05
421	Sulfur in Gasoline D2622	106	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	6.19	PSI			NST	1/26/05
65	Percent Evaporated at 200 Degrees F D86	38.2	Volume Percent			MM	2/8/05
65	Percent Evaporated at 200 Degrees F D86	38.1	Volume Percent			MM	2/9/05
66	Percent Evaporated at 300 Degrees F D86	77.9	Volume Percent			MM	2/9/05
66	Percent Evaporated at 300 Degrees F D86	78	Volume Percent			MM	2/8/05
48	Aromatics in Gasoline MSD D5769	32.36	Volume Percent			TW	2/2/05
49	Olefins in by FIA D1319	10	Volume Percent			NST	2/14/05
64	Benzene in Gasoline D3606	1.40	Volume Percent			TW	2/18/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/15/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/15/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/15/05
57	TAME by D5599	0.00	Volume Percent			TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/15/05
46	Aromatics by FIA D1319	32.7	Volume Percent			NST	2/14/05
63	Benzene in Gasoline by GC/MSD D5769	1.37	Volume Percent			TW	2/2/05
630	Toluene in gasoline by MSD D5769	7.72	Volume Percent			TW	2/2/05
69	Specific Gravity @ 60 deg F D4052	0.75729	60/60F			MM	1/27/05
69	Specific Gravity @ 60 deg F D4052	0.75731	60/60F			MM	1/27/05
692	Degrees API D4052	55.35	Degrees API			MM	1/27/05
692	Degrees API D4052	55.35	Degrees API			MM	1/27/05
691	Density @ 60 deg F D4052	0.75654	g/cm-03 @ 60 deg F			MM	1/27/05
691	Density @ 60 deg F D4052	0.75656	g/cm-03 @ 60 deg F			MM	1/27/05
101	Initial Boiling Point D86	104.9	Degrees F			MM	2/9/05
101	Initial Boiling Point D86	99.5	Degrees F			MM	2/8/05
110	10 Percent D86	146.3	Degrees F			MM	2/8/05
110	10 Percent D86	145.9	Degrees F			MM	2/9/05
150	50 Percent D86	225	Degrees F			MM	2/8/05

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150	50 Percent	D86	224.6 Degrees F	MM	2/9/05
190	90 Percent	D86	347.4 Degrees F	MM	2/8/05
190	90 Percent	D86	347 Degrees F	MM	2/9/05
200	End Point	D86	455.4 Degrees F	MM	2/8/05
200	End Point	D86	446 Degrees F	MM	2/9/05
201	Residue	D86	0.9 mL	MM	2/9/05
201	Residue	D86	0.8 mL	MM	2/8/05
202	Total Recovery	D86	97.6 mL	MM	2/9/05
202	Total Recovery	D86	97.7 mL	MM	2/8/05
203	Loss	D86	1.5 mL	MM	2/8/05
203	Loss	D86	1.5 mL	MM	2/9/05
543	Methanol	by D5599	0.00 Volume Percent	TS	2/15/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/15/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/15/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/15/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/15/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/15/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House
 Owner: EPA Phone: (913) 299-9480
 6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/26/05.

Season: Winter

Kansas City Samples- FTAG: 13659 Comments: Overpack damp with gasoline; label dam
 550BX2

Test Code	Test Method	Results	Units	Fuel Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/15/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/15/05
421	Sulfur in Gasoline D2622	174	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	6.89	PSI			NST	1/27/05
65	Percent Evaporated at 200 Degrees F D86	38.7	Volume Percent			MM	2/8/05
66	Percent Evaporated at 300 Degrees F D86	81.1	Volume Percent			MM	2/8/05
48	Aromatics in Gasoline MSD D5769	34.47	Volume Percent			TW	2/8/05
49	Olefins in by FIA D1319	8	Volume Percent			NST	2/14/05
64	Benzene in Gasoline D3606	1.89	Volume Percent			TW	2/18/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/15/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/15/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/15/05
57	TAME by D5599	0.00	Volume Percent			TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/15/05
46	Aromatics by FIA D1319	33.9	Volume Percent			NST	2/14/05
630	Toluene in gasoline by MSD D5769	7.89	Volume Percent			TW	2/8/05
63	Benzene in Gasoline by GC/MSD D5769	1.84	Volume Percent			TW	2/8/05
69	Specific Gravity @ 60 deg F D4052	0.75657	60/60F			MM	2/3/05
692	Degrees API D4052	55.53	Degrees API			MM	2/3/05
691	Density @ 60 deg F D4052	0.75582	g/cm-03 @ 60 deg F			MM	2/3/05
101	Initial Boiling Point D86	100.2	Degrees F			MM	2/8/05
110	10 Percent D86	141.8	Degrees F			MM	2/8/05
150	50 Percent D86	223.9	Degrees F			MM	2/8/05
190	90 Percent D86	329.7	Degrees F			MM	2/8/05
200	End Point D86	422.8	Degrees F			MM	2/8/05
201	Residue D86	0.7	mL			MM	2/8/05
202	Total Recovery D86	97.9	mL			MM	2/8/05
203	Loss D86	1.4	mL			MM	2/8/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/15/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/15/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/15/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/15/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/15/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/15/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05

NVFEL Fuel Analysis Report

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 1/26/05.

VOC

Season: Winter

Kansas City Samples-
QEB986(Ks)

FTAG: 13660

Comments:

Gasoline smell in container

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/15/05
552	MTBE by D5599	0.00	Oxy Percent			TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/15/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/15/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/15/05
421	Sulfur in Gasoline D2622	178	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	11.43	PSI			NST	1/27/05
65	Percent Evaporated at 200 Degrees F D86	52.7	Volume Percent			MM	2/9/05
66	Percent Evaporated at 300 Degrees F D86	85.6	Volume Percent			MM	2/9/05
48	Aromatics in Gasoline MSD D5769	23.27	Volume Percent			TW	2/8/05
49	Olefins in by FIA D1319	7.4	Volume Percent			NST	2/14/05
64	Benzene in Gasoline D3606	0.91	Volume Percent			TW	2/18/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/15/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/15/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/15/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/15/05
57	TAME by D5599	0.00	Volume Percent			TS	2/15/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/15/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/15/05
57	TAME by D5599	0.00	Volume Percent			TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/15/05
63	Benzene in Gasoline by GC/MSD D5769	0.89	Volume Percent			TW	2/8/05
46	Aromatics by FIA D1319	22.6	Volume Percent			NST	2/14/05
630	Toluene in gasoline by MSD D5769	5.43	Volume Percent			TW	2/8/05
69	Specific Gravity @ 60 deg F D4052	0.7263	60/60F			MM	2/3/05
692	Degrees API D4052	63.32	Degrees API			MM	2/3/05
691	Density @ 60 deg F D4052	0.72559	g/cm-03 @ 60 deg F			MM	2/3/05

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101	Initial Boiling Point	D86	86 Degrees F	MM	2/9/05
110	10 Percent	D86	111.4 Degrees F	MM	2/9/05
150	50 Percent	D86	192.6 Degrees F	MM	2/9/05
190	90 Percent	D86	320.7 Degrees F	MM	2/9/05
200	End Point	D86	419.7 Degrees F	MM	2/9/05
201	Residue	D86	0.7 mL	MM	2/9/05
202	Total Recovery	D86	97.3 mL	MM	2/9/05
203	Loss	D86	2 mL	MM	2/9/05
543	Methanol	by D5599	0.00 Volume Percent	TS	2/15/05
543	Methanol	by D5599	0.00 Volume Percent	TS	2/15/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/15/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/15/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/15/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/15/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/15/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/15/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/15/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/15/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/15/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/15/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House
 Owner: EPA Phone: (913) 299-9480
 6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/26/05.

Season: Winter

Kansas City Samples-
154FFB(Mo)

FTAG: 13661

Comments:

Gasoline smell, overpack damp; ink on label partially dissolved

Test Code	Test Method	Results	Units	Fuel Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/15/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/15/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/15/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/15/05
421	Sulfur in Gasoline D2622	67	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	6.53	PSI			NST	1/27/05
65	Percent Evaporated at 200 Degrees F D86	40.2	Volume Percent			MM	2/9/05
66	Percent Evaporated at 300 Degrees F D86	79.6	Volume Percent			MM	2/9/05
48	Aromatics in Gasoline MSD D5769	30.79	Volume Percent			TW	2/8/05
49	Olefins in by FIA D1319	10.7	Volume Percent			NST	2/14/05
64	Benzene in Gasoline D3606	1.10	Volume Percent			TW	2/18/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/15/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/15/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/15/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/15/05
57	TAME by D5599	0.00	Volume Percent			TS	2/15/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/15/05
63	Benzene in Gasoline by GC/MSD D5769	1.07	Volume Percent			TW	2/8/05
630	Toluene in gasoline by MSD D5769	7.32	Volume Percent			TW	2/8/05
46	Aromatics by FIA D1319	32.2	Volume Percent			NST	2/14/05
69	Specific Gravity @ 60 deg F D4052	0.75388	60/60F			MM	2/3/05
692	Degrees API D4052	56.2	Degrees API			MM	2/3/05
691	Density @ 60 deg F D4052	0.75313	g/cm-03 @ 60 deg F			MM	2/3/05
101	Initial Boiling Point D86	103.1	Degrees F			MM	2/9/05
110	10 Percent D86	141.3	Degrees F			MM	2/9/05
150	50 Percent D86	221.9	Degrees F			MM	2/9/05
190	90 Percent D86	342.3	Degrees F			MM	2/9/05
200	End Point D86	435	Degrees F			MM	2/9/05
201	Residue D86	0.8	mL			MM	2/9/05
202	Total Recovery D86	97.5	mL			MM	2/9/05
203	Loss D86	1.7	mL			MM	2/9/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/15/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/15/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/15/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/15/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/15/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/15/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/15/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/26/05.

Season: Winter

Kansas City Samples- FTAG: 13662 Comments: Gasoline smell; overpack damp; tape glue dissolved; label damp but rea
217RBT(Mo)

Test Code	Test Method	Results	Units	Fuel Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/16/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/16/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/16/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/16/05
421	Sulfur in Gasoline D2622	153	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	8.12	PSI			NST	1/27/05
65	Percent Evaporated at 200 Degrees F D86	45.1	Volume Percent			MM	2/9/05
66	Percent Evaporated at 300 Degrees F D86	82.2	Volume Percent			MM	2/9/05
48	Aromatics in Gasoline MSD D5769	27.34	Volume Percent			TW	2/8/05
49	Olefins in by FIA D1319	9.4	Volume Percent			NST	2/14/05
64	Benzene in Gasoline D3606	1.07	Volume Percent			TW	2/18/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/16/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/16/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/16/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/16/05
57	TAME by D5599	0.00	Volume Percent			TS	2/16/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/16/05
63	Benzene in Gasoline by GC/MSD D5769	1.05	Volume Percent			TW	2/8/05
630	Toluene in gasoline by MSD D5769	5.78	Volume Percent			TW	2/8/05
46	Aromatics by FIA D1319	28	Volume Percent			NST	2/14/05
69	Specific Gravity @ 60 deg F D4052	0.74211	60/60F			MM	2/3/05
692	Degrees API D4052	59.17	Degrees API			MM	2/3/05
691	Density @ 60 deg F D4052	0.74138	g/cm-03 @ 60 deg F			MM	2/3/05
101	Initial Boiling Point D86	96.6	Degrees F			MM	2/9/05
110	10 Percent D86	129.2	Degrees F			MM	2/9/05
150	50 Percent D86	212.2	Degrees F			MM	2/9/05
190	90 Percent D86	329.2	Degrees F			MM	2/9/05
200	End Point D86	426.4	Degrees F			MM	2/9/05
201	Residue D86	0.8	mL			MM	2/9/05
202	Total Recovery D86	98.1	mL			MM	2/9/05
203	Loss D86	1.1	mL			MM	2/9/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/16/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	2/16/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/16/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/16/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/16/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/16/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/16/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/16/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/16/05

NVFEL Fuel Analysis Report

13663

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 1/26/05.

Season: Winter

Kansas City Samples-
QKU162(Ks)

FTAG: 13663

Comments:

Gasoline smell; overpack damp; tape glue dissolved

Test Code	Test Method	Results	Units	Fuel Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/16/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/16/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/16/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/16/05
421	Sulfur in Gasoline D2622	115	Parts Per Million			NST	3/10/05
421	Sulfur in Gasoline D2622	115	Parts Per Million			NST	3/10/05
62	Vapor Pressure by D5191 (Modified)	6.64	PSI			NST	1/27/05
65	Percent Evaporated at 200 Degrees F D86	39	Volume Percent			MM	2/9/05
66	Percent Evaporated at 300 Degrees F D86	78.8	Volume Percent			MM	2/9/05
48	Aromatics in Gasoline MSD D5769	30.39	Volume Percent			TW	2/8/05
49	Olefins in by FIA D1319	7.6	Volume Percent			NST	2/14/05
64	Benzene in Gasoline D3606	1.24	Volume Percent			TW	2/18/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/16/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/16/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/16/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/16/05
57	TAME by D5599	0.00	Volume Percent			TS	2/16/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/16/05
63	Benzene in Gasoline by GC/MSD D5769	1.22	Volume Percent			TW	2/8/05
630	Toluene in gasoline by MSD D5769	5.92	Volume Percent			TW	2/8/05
46	Aromatics by FIA D1319	29.8	Volume Percent			NST	2/14/05
69	Specific Gravity @ 60 deg F D4052	0.74997	60/60F			MM	2/3/05
692	Degrees API D4052	57.18	Degrees API			MM	2/3/05
691	Density @ 60 deg F D4052	0.74922	g/cm-03 @ 60 deg F			MM	2/3/05
101	Initial Boiling Point D86	102.2	Degrees F			MM	2/9/05
110	10 Percent D86	139.6	Degrees F			MM	2/9/05
150	50 Percent D86	223.7	Degrees F			MM	2/9/05
190	90 Percent D86	343	Degrees F			MM	2/9/05
200	End Point D86	412.2	Degrees F			MM	2/9/05
201	Residue D86	0.8	mL			MM	2/9/05
202	Total Recovery D86	97.9	mL			MM	2/9/05
203	Loss D86	1.3	mL			MM	2/9/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/16/05

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584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/16/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/16/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/16/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/16/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/16/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/16/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/16/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/16/05

NVFEL Fuel Analysis Report

13716

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/23/05.

Season: Winter

Kansas City Samples- FTAG: 13716 Comments: 620; 1-29-05
206JKL(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	2/28/05
562	ETBE by D5599	0.00	Oxy Percent		TS	2/28/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	2/28/05
572	TAME by D5599	0.00	Oxy Percent		TS	2/28/05
421	Sulfur in Gasoline D2622	208	Parts Per Million		NST	3/31/05
62	Vapor Pressure by D5191 (Modified)	14.39	PSI		NST	2/24/05
62	Vapor Pressure by D5191 (Modified)	14.39	PSI		NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	50.9	Volume Percent		MM	3/3/05
66	Percent Evaporated at 300 Degrees F D86	84.4	Volume Percent		MM	3/3/05
48	Aromatics in Gasoline MSD D5769	21.46	Volume Percent		TW	3/4/05
49	Olefins in by FIA D1319	9.7	Volume Percent		NST	6/6/05
64	Benzene in Gasoline D3606	0.97	Volume Percent		TW	3/2/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	2/28/05
57	TAME by D5599	0.00	Volume Percent		TS	2/28/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	2/28/05
55	MTBE by D5599	0.00	Volume Percent		TS	2/28/05
532	Ethanol by D5599	0.00	Volume Percent		TS	2/28/05
56	ETBE by D5599	0.00	Volume Percent		TS	2/28/05
63	Benzene in Gasoline by GC/MSD D5769	0.96	Volume Percent		TW	3/4/05
46	Aromatics by FIA D1319	21	Volume Percent		NST	6/6/05
630	Toluene in gasoline by MSD D5769	4.86	Volume Percent		TW	3/4/05
69	Specific Gravity @ 60 deg F D4052	0.72547	60/60F		MM	2/24/05
692	Degrees API D4052	63.55	Degrees API		MM	2/24/05
691	Density @ 60 deg F D4052	0.72475	g/cm-03 @ 60 deg F		MM	2/24/05
101	Initial Boiling Point D86	80.8	Degrees F		MM	3/3/05
110	10 Percent D86	99.7	Degrees F		MM	3/3/05
150	50 Percent D86	197.6	Degrees F		MM	3/3/05
190	90 Percent D86	324.1	Degrees F		MM	3/3/05
200	End Point D86	423.5	Degrees F		MM	3/3/05
201	Residue D86	0.5	mL		MM	3/3/05
202	Total Recovery D86	96.9	mL		MM	3/3/05
203	Loss D86	2.6	mL		MM	3/3/05
543	Methanol by D5599	0.00	Volume Percent		TS	2/28/05

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584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/28/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/28/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/28/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/28/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/28/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/28/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/28/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/28/05

NVFEL Fuel Analysis Report

13717

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 2/23/05.

VOC

Season: Winter

Kansas City Samples- FTAG: 13717 Comments: #466; 12/6/04
665PS4(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	2/28/05
562	ETBE by D5599	0.00	Oxy Percent			TS	2/28/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	2/28/05
572	TAME by D5599	0.00	Oxy Percent			TS	2/28/05
421	Sulfur in Gasoline D2622	110	Parts Per Million			NST	3/31/05
421	Sulfur in Gasoline D2622	100	Parts Per Million			NST	3/31/05
62	Vapor Pressure by D5191 (Modified)	10.92	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	36.3	Volume Percent			MM	3/3/05
66	Percent Evaporated at 300 Degrees F D86	86.2	Volume Percent			MM	3/3/05
48	Aromatics in Gasoline MSD D5769	30.02	Volume Percent			TW	3/4/05
49	Olefins in by FIA D1319	3.7	Volume Percent			NST	6/6/05
64	Benzene in Gasoline D3606	0.85	Volume Percent			TW	3/2/05
532	Ethanol by D5599	0.00	Volume Percent			TS	2/28/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	2/28/05
55	MTBE by D5599	0.00	Volume Percent			TS	2/28/05
57	TAME by D5599	0.00	Volume Percent			TS	2/28/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	2/28/05
56	ETBE by D5599	0.00	Volume Percent			TS	2/28/05
63	Benzene in Gasoline by GC/MSD D5769	0.83	Volume Percent			TW	3/4/05
46	Aromatics by FIA D1319	29.3	Volume Percent			NST	6/6/05
630	Toluene in gasoline by MSD D5769	10.89	Volume Percent			TW	3/4/05
69	Specific Gravity @ 60 deg F D4052	0.74339	60/60F			MM	2/24/05
692	Degrees API D4052	58.84	Degrees API			MM	2/24/05
691	Density @ 60 deg F D4052	0.74266	g/cm-03 @ 60 deg F			MM	2/24/05
101	Initial Boiling Point D86	84.6	Degrees F			MM	3/3/05
110	10 Percent D86	119.1	Degrees F			MM	3/3/05
150	50 Percent D86	224.6	Degrees F			MM	3/3/05
190	90 Percent D86	317.7	Degrees F			MM	3/3/05
200	End Point D86	413.1	Degrees F			MM	3/3/05
201	Residue D86	0.8	mL			MM	3/3/05
202	Total Recovery D86	96.9	mL			MM	3/3/05
203	Loss D86	2.3	mL			MM	3/3/05
543	Methanol by D5599	0.00	Volume Percent			TS	2/28/05

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584	Isopropanol	by D5599	0.00 Volume Percent	TS	2/28/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/28/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/28/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/28/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/28/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/28/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/28/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/28/05

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/23/05.

Season: Winter

Kansas City Samples- FTAG: 13718 Comments: (504); 12/16/04
QPX590

Test Code	Test Method	Results	Units	Fuel Code: 41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	2/28/05
562	ETBE by D5599	0.00	Oxy Percent		TS	2/28/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	2/28/05
572	TAME by D5599	0.00	Oxy Percent		TS	2/28/05
421	Sulfur in Gasoline D2622	135	Parts Per Million		NST	3/31/05
62	Vapor Pressure by D5191 (Modified)	12.26	PSI		NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	47.4	Volume Percent		MM	3/3/05
66	Percent Evaporated at 300 Degrees F D86	77.7	Volume Percent		MM	3/3/05
48	Aromatics in Gasoline MSD D5769	30.75	Volume Percent		TW	3/4/05
49	Olefins in by FIA D1319	9.6	Volume Percent		NST	6/6/05
64	Benzene in Gasoline D3606	0.88	Volume Percent		TW	3/2/05
55	MTBE by D5599	0.00	Volume Percent		TS	2/28/05
57	TAME by D5599	0.00	Volume Percent		TS	2/28/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	2/28/05
532	Ethanol by D5599	0.00	Volume Percent		TS	2/28/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	2/28/05
56	ETBE by D5599	0.00	Volume Percent		TS	2/28/05
46	Aromatics by FIA D1319	29.9	Volume Percent		NST	6/6/05
63	Benzene in Gasoline by GC/MSD D5769	0.87	Volume Percent		TW	3/4/05
630	Toluene in gasoline by MSD D5769	5.66	Volume Percent		TW	3/4/05
69	Specific Gravity @ 60 deg F D4052	0.74529	60/60F		MM	2/24/05
692	Degrees API D4052	58.36	Degrees API		MM	2/24/05
691	Density @ 60 deg F D4052	0.74455	g/cm-03 @ 60 deg F		MM	2/24/05
101	Initial Boiling Point D86	84.4	Degrees F		MM	3/3/05
110	10 Percent D86	108.3	Degrees F		MM	3/3/05
150	50 Percent D86	209.5	Degrees F		MM	3/3/05
190	90 Percent D86	344.8	Degrees F		MM	3/3/05
200	End Point D86	427.1	Degrees F		MM	3/3/05
201	Residue D86	0.6	mL		MM	3/3/05
202	Total Recovery D86	97.5	mL		MM	3/3/05
203	Loss D86	1.9	mL		MM	3/3/05
543	Methanol by D5599	0.00	Volume Percent		TS	2/28/05
584	Isopropanol by D5599	0.00	Volume Percent		TS	2/28/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	2/28/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	2/28/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	2/28/05
588	DIPE	by D5599	0.00 Volume Percent	TS	2/28/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	2/28/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	2/28/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	2/28/05

NVFEL Fuel Analysis Report

13719

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House
 Owner: EPA Phone: (913) 299-9480
 6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/23/05.

Season: Winter

Kansas City Samples- FTAG: 13719 Comments: 615; 1-28-05
 863JKM(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	3/1/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/1/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/1/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/1/05
421	Sulfur in Gasoline D2622	144	Parts Per Million			NST	4/18/05
62	Vapor Pressure by D5191 (Modified)	13.21	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	47.1	Volume Percent			MM	3/3/05
66	Percent Evaporated at 300 Degrees F D86	86.1	Volume Percent			MM	3/3/05
48	Aromatics in Gasoline MSD D5769	24.31	Volume Percent			TW	3/4/05
49	Olefins in by FIA D1319	6.1	Volume Percent			NST	6/8/05
64	Benzene in Gasoline D3606	0.79	Volume Percent			TW	3/2/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/1/05
57	TAME by D5599	0.00	Volume Percent			TS	3/1/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/1/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/1/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/1/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/1/05
46	Aromatics by FIA D1319	22.5	Volume Percent			NST	6/8/05
63	Benzene in Gasoline by GC/MSD D5769	0.78	Volume Percent			TW	3/4/05
630	Toluene in gasoline by MSD D5769	6.69	Volume Percent			TW	3/4/05
69	Specific Gravity @ 60 deg F D4052	0.7288	60/60F			MM	2/24/05
692	Degrees API D4052	62.66	Degrees API			MM	2/24/05
691	Density @ 60 deg F D4052	0.72807	g/cm-03 @ 60 deg F			MM	2/24/05
101	Initial Boiling Point D86	82.6	Degrees F			MM	3/3/05
110	10 Percent D86	102.7	Degrees F			MM	3/3/05
150	50 Percent D86	208.4	Degrees F			MM	3/3/05
190	90 Percent D86	320.7	Degrees F			MM	3/3/05
200	End Point D86	416.5	Degrees F			MM	3/3/05
201	Residue D86	0.8	mL			MM	3/3/05
202	Total Recovery D86	96.9	mL			MM	3/3/05
203	Loss D86	2.3	mL			MM	3/3/05
543	Methanol by D5599	0.00	Volume Percent			TS	3/1/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	3/1/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	3/1/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
588	DIPE	by D5599	0.00 Volume Percent	TS	3/1/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/1/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/1/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05

NVFEL Fuel Analysis Report

13720

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/23/05.

Season: Winter

Kansas City Samples- FTAG: 13720 Comments: 685; 2-14-05 cap broken, transferred to a new sample bottle
 952NS5(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	3/1/05
552	MTBE by D5599	0.00	Oxy Percent			TS	3/1/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/1/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/1/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/1/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/1/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/1/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/1/05
421	Sulfur in Gasoline D2622	258	Parts Per Million			NST	4/18/05
62	Vapor Pressure by D5191 (Modified)	13.62	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	50.4	Volume Percent			MM	3/3/05
66	Percent Evaporated at 300 Degrees F D86	85.1	Volume Percent			MM	3/3/05
48	Aromatics in Gasoline MSD D5769	22.6	Volume Percent			TW	3/4/05
49	Olefins in by FIA D1319	9.5	Volume Percent			NST	6/8/05
64	Benzene in Gasoline D3606	1.18	Volume Percent			TW	3/2/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/1/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/1/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/1/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/1/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/1/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/1/05
57	TAME by D5599	0.00	Volume Percent			TS	3/1/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/1/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/1/05
57	TAME by D5599	0.00	Volume Percent			TS	3/1/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/1/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/1/05
46	Aromatics by FIA D1319	21.8	Volume Percent			NST	6/8/05
63	Benzene in Gasoline by GC/MSD D5769	1.16	Volume Percent			TW	3/4/05
630	Toluene in gasoline by MSD D5769	5.27	Volume Percent			TW	3/4/05
69	Specific Gravity @ 60 deg F D4052	0.7276	60/60F			MM	2/24/05
692	Degrees API D4052	62.97	Degrees API			MM	2/24/05
691	Density @ 60 deg F D4052	0.72689	g/cm-03 @ 60 deg F			MM	2/24/05

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101	Initial Boiling Point	D86	79.3 Degrees F	MM	3/3/05
110	10 Percent	D86	101.3 Degrees F	MM	3/3/05
150	50 Percent	D86	199 Degrees F	MM	3/3/05
190	90 Percent	D86	319.5 Degrees F	MM	3/3/05
200	End Point	D86	402.4 Degrees F	MM	3/3/05
201	Residue	D86	0.7 mL	MM	3/3/05
202	Total Recovery	D86	96.4 mL	MM	3/3/05
203	Loss	D86	2.9 mL	MM	3/3/05
543	Methanol	by D5599	0.00 Volume Percent	TS	3/1/05
543	Methanol	by D5599	0.00 Volume Percent	TS	3/1/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	3/1/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	3/1/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	3/1/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	3/1/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
588	DIPE	by D5599	0.00 Volume Percent	TS	3/1/05
588	DIPE	by D5599	0.00 Volume Percent	TS	3/1/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/1/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/1/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/1/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/1/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05

NVFEL Fuel Analysis Report

13721

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/23/05.

Season: Winter

Kansas City Samples- FTAG: 13721 Comments: 575; 1-20-05
43H6(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	3/1/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/1/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/1/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/1/05
421	Sulfur in Gasoline D2622	331	Parts Per Million			NST	4/18/05
421	Sulfur in Gasoline D2622	328	Parts Per Million			NST	4/18/05
62	Vapor Pressure by D5191 (Modified)	14.14	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	51.6	Volume Percent			MM	3/3/05
66	Percent Evaporated at 300 Degrees F D86	86	Volume Percent			MM	3/3/05
48	Aromatics in Gasoline MSD D5769	22.58	Volume Percent			TW	3/4/05
49	Olefins in by FIA D1319	8.8	Volume Percent			NST	6/8/05
64	Benzene in Gasoline D3606	1.41	Volume Percent			TW	3/2/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/1/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/1/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/1/05
57	TAME by D5599	0.00	Volume Percent			TS	3/1/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/1/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/1/05
63	Benzene in Gasoline by GC/MSD D5769	1.41	Volume Percent			TW	3/4/05
46	Aromatics by FIA D1319	22.4	Volume Percent			NST	6/8/05
630	Toluene in gasoline by MSD D5769	5.36	Volume Percent			TW	3/4/05
69	Specific Gravity @ 60 deg F D4052	0.72821	60/60F			MM	2/24/05
692	Degrees API D4052	62.81	Degrees API			MM	2/24/05
691	Density @ 60 deg F D4052	0.72749	g/cm-03 @ 60 deg F			MM	2/24/05
101	Initial Boiling Point D86	81.5	Degrees F			MM	3/3/05
110	10 Percent D86	100	Degrees F			MM	3/3/05
150	50 Percent D86	196.3	Degrees F			MM	3/3/05
190	90 Percent D86	320.4	Degrees F			MM	3/3/05
200	End Point D86	399	Degrees F			MM	3/3/05
201	Residue D86	0.9	mL			MM	3/3/05
202	Total Recovery D86	96.7	mL			MM	3/3/05
203	Loss D86	2.4	mL			MM	3/3/05
543	Methanol by D5599	0.00	Volume Percent			TS	3/1/05

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584	Isopropanol	by D5599	0.00 Volume Percent	TS	3/1/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	3/1/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
588	DIPE	by D5599	0.00 Volume Percent	TS	3/1/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/1/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/1/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05

NVFEL Fuel Analysis Report

13722

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 2/23/05.

VOC

Season: Winter

Kansas City Samples- FTAG: 13722 Comments: 634; 2-2-05
 430ALN(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	3/1/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/1/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/1/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/1/05
421	Sulfur in Gasoline D2622	214	Parts Per Million			NST	4/18/05
62	Vapor Pressure by D5191 (Modified)	14.45	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	50.5	Volume Percent			MM	3/3/05
66	Percent Evaporated at 300 Degrees F D86	84.6	Volume Percent			MM	3/3/05
48	Aromatics in Gasoline MSD D5769	22.86	Volume Percent			TW	3/4/05
49	Olefins in by FIA D1319	9.2	Volume Percent			NST	6/8/05
64	Benzene in Gasoline D3606	1.21	Volume Percent			TW	3/2/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/1/05
57	TAME by D5599	0.00	Volume Percent			TS	3/1/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/1/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/1/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/1/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/1/05
46	Aromatics by FIA D1319	21.5	Volume Percent			NST	6/8/05
63	Benzene in Gasoline by GC/MSD D5769	1.19	Volume Percent			TW	3/4/05
630	Toluene in gasoline by MSD D5769	5.2	Volume Percent			TW	3/4/05
69	Specific Gravity @ 60 deg F D4052	0.72763	60/60F			MM	2/24/05
692	Degrees API D4052	62.97	Degrees API			MM	2/24/05
691	Density @ 60 deg F D4052	0.72691	g/cm-03 @ 60 deg F			MM	2/24/05
101	Initial Boiling Point D86	79	Degrees F			MM	3/3/05
110	10 Percent D86	97.7	Degrees F			MM	3/3/05
150	50 Percent D86	198.3	Degrees F			MM	3/3/05
190	90 Percent D86	323.2	Degrees F			MM	3/3/05
200	End Point D86	406.8	Degrees F			MM	3/3/05
201	Residue D86	0.7	mL			MM	3/3/05
202	Total Recovery D86	96.3	mL			MM	3/3/05
203	Loss D86	3	mL			MM	3/3/05
543	Methanol by D5599	0.00	Volume Percent			TS	3/1/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	3/1/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	3/1/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
588	DIPE	by D5599	0.00 Volume Percent	TS	3/1/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/1/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/1/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 2/23/05.

VOC

Season: Winter

Kansas City Samples- FTAG: 13723 Comments: 622; 1-31-05
 VEX191(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	3/1/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/1/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/1/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/1/05
421	Sulfur in Gasoline D2622	153	Parts Per Million			NST	4/5/05
62	Vapor Pressure by D5191 (Modified)	14.47	PSI			NST	2/24/05
62	Vapor Pressure by D5191 (Modified)	14.47	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	50.7	Volume Percent			MM	3/4/05
66	Percent Evaporated at 300 Degrees F D86	84	Volume Percent			MM	3/4/05
49	Olefins in by FIA D1319	10.5	Volume Percent			NST	6/8/05
64	Benzene in Gasoline D3606	0.89	Volume Percent			TW	3/2/05
64	Benzene in Gasoline D3606	0.90	Volume Percent			TW	3/2/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/1/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/1/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/1/05
57	TAME by D5599	0.00	Volume Percent			TS	3/1/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/1/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/1/05
46	Aromatics by FIA D1319	21.8	Volume Percent			NST	6/8/05
69	Specific Gravity @ 60 deg F D4052	0.72636	60/60F			MM	2/24/05
69	Specific Gravity @ 60 deg F D4052	0.72622	60/60F			MM	2/24/05
692	Degrees API D4052	63.35	Degrees API			MM	2/24/05
692	Degrees API D4052	63.31	Degrees API			MM	2/24/05
691	Density @ 60 deg F D4052	0.7255	g/cm-03 @ 60 deg F			MM	2/24/05
691	Density @ 60 deg F D4052	0.72564	g/cm-03 @ 60 deg F			MM	2/24/05
101	Initial Boiling Point D86	79.9	Degrees F			MM	3/4/05
110	10 Percent D86	99.3	Degrees F			MM	3/4/05
150	50 Percent D86	198	Degrees F			MM	3/4/05
190	90 Percent D86	327.9	Degrees F			MM	3/4/05
200	End Point D86	426.7	Degrees F			MM	3/4/05
201	Residue D86	0.8	mL			MM	3/4/05
202	Total Recovery D86	96.8	mL			MM	3/4/05
203	Loss D86	2.4	mL			MM	3/4/05

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543	Methanol	by D5599	0.00 Volume Percent	TS	3/1/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	3/1/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	3/1/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
588	DIPE	by D5599	0.00 Volume Percent	TS	3/1/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/1/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/1/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/23/05.

Season: Winter

Kansas City Samples- FTAG: 13724 Comments: 579; 1-21-05
TCA013(Ks)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	3/1/05
562	ETBE by D5599	0.00	Oxy Percent		TS	3/1/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	3/1/05
572	TAME by D5599	0.00	Oxy Percent		TS	3/1/05
421	Sulfur in Gasoline D2622	129	Parts Per Million		NST	4/5/05
62	Vapor Pressure by D5191 (Modified)	14.53	PS I		NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	50.5	Volume Percent		MM	3/4/05
66	Percent Evaporated at 300 Degrees F D86	84.4	Volume Percent		MM	3/4/05
49	Olefins in by FIA D1319	10	Volume Percent		NST	6/8/05
64	Benzene in Gasoline D3606	0.89	Volume Percent		TW	3/2/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	3/1/05
55	MTBE by D5599	0.00	Volume Percent		TS	3/1/05
532	Ethanol by D5599	0.00	Volume Percent		TS	3/1/05
57	TAME by D5599	0.00	Volume Percent		TS	3/1/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	3/1/05
56	ETBE by D5599	0.00	Volume Percent		TS	3/1/05
46	Aromatics by FIA D1319	20.5	Volume Percent		NST	6/8/05
69	Specific Gravity @ 60 deg F D4052	0.72433	60/60F		MM	2/24/05
692	Degrees API D4052	63.85	Degrees API		MM	2/24/05
691	Density @ 60 deg F D4052	0.72361	g/cm-03 @ 60 deg F		MM	2/24/05
101	Initial Boiling Point D86	78.1	Degrees F		MM	3/4/05
110	10 Percent D86	97.2	Degrees F		MM	3/4/05
150	50 Percent D86	198.7	Degrees F		MM	3/4/05
190	90 Percent D86	328.3	Degrees F		MM	3/4/05
200	End Point D86	433.2	Degrees F		MM	3/4/05
201	Residue D86	0.5	mL		MM	3/4/05
202	Total Recovery D86	97	mL		MM	3/4/05
203	Loss D86	2.5	mL		MM	3/4/05
543	Methanol by D5599	0.00	Volume Percent		TS	3/1/05
584	Isopropanol by D5599	0.00	Volume Percent		TS	3/1/05
585	t-Butanol by D5599	0.00	Volume Percent		TS	3/1/05
586	n-Propanol by D5599	0.00	Volume Percent		TS	3/1/05
587	sec-Butanol by D5599	0.00	Volume Percent		TS	3/1/05

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588	DIPE	by D5599	0.00 Volume Percent	TS	3/1/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/1/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/1/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/23/05.

Season: Winter

Kansas City Samples- FTAG: 13725 Comments: 568; 1-19-05
298MSB(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	3/1/05
562	ETBE by D5599	0.00	Oxy Percent		TS	3/1/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	3/1/05
572	TAME by D5599	0.00	Oxy Percent		TS	3/1/05
421	Sulfur in Gasoline D2622	103	Parts Per Million		NST	4/5/05
62	Vapor Pressure by D5191 (Modified)	12.82	PSI		NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	44.3	Volume Percent		MM	3/8/05
66	Percent Evaporated at 300 Degrees F D86	85.7	Volume Percent		MM	3/8/05
49	Olefins In by FIA D1319	5.3	Volume Percent		NST	6/8/05
64	Benzene in Gasoline D3606	0.87	Volume Percent		TW	3/2/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	3/1/05
55	MTBE by D5599	0.00	Volume Percent		TS	3/1/05
532	Ethanol by D5599	0.00	Volume Percent		TS	3/1/05
57	TAME by D5599	0.00	Volume Percent		TS	3/1/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	3/1/05
56	ETBE by D5599	0.00	Volume Percent		TS	3/1/05
46	Aromatics by FIA D1319	24.5	Volume Percent		NST	6/8/05
69	Specific Gravity @ 60 deg F D4052	0.73125	60/60F		MM	2/24/05
692	Degrees API D4052	62.01	Degrees API		MM	2/24/05
691	Density @ 60 deg F D4052	0.73052	g/cm-03 @ 60 deg F		MM	2/24/05
101	Initial Boiling Point D86	82.4	Degrees F		MM	3/8/05
110	10 Percent D86	105.3	Degrees F		MM	3/8/05
150	50 Percent D86	214.7	Degrees F		MM	3/8/05
190	90 Percent D86	320.5	Degrees F		MM	3/8/05
200	End Point D86	409.5	Degrees F		MM	3/8/05
201	Residue D86	0.8	mL		MM	3/8/05
202	Total Recovery D86	96.9	mL		MM	3/8/05
203	Loss D86	2.3	mL		MM	3/8/05
543	Methanol by D5599	0.00	Volume Percent		TS	3/1/05
584	Isopropanol by D5599	0.00	Volume Percent		TS	3/1/05
585	t-Butanol by D5599	0.00	Volume Percent		TS	3/1/05
586	n-Propanol by D5599	0.00	Volume Percent		TS	3/1/05
587	sec-Butanol by D5599	0.00	Volume Percent		TS	3/1/05

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588	DIPE	by D5599	0.00 Volume Percent	TS	3/1/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/1/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/1/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/23/05.

Season: Winter

Kansas City Samples- FTAG: 13726 Comments: 83; 7-30-04
480EAA(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	3/1/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/1/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/1/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/1/05
421	Sulfur in Gasoline D2622	43	Parts Per Million			NST	4/5/05
62	Vapor Pressure by D5191 (Modified)	6.95	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	30.8	Volume Percent			MM	3/8/05
66	Percent Evaporated at 300 Degrees F D86	85.3	Volume Percent			MM	3/8/05
49	Olefins in by FIA D1319	2.3	Volume Percent			NST	6/8/05
64	Benzene in Gasoline D3606	1.61	Volume Percent			TW	3/2/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/1/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/1/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/1/05
57	TAME by D5599	0.00	Volume Percent			TS	3/1/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/1/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/1/05
46	Aromatics by FIA D1319	27.9	Volume Percent			NST	6/8/05
69	Specific Gravity @ 60 deg F D4052	0.7468	60/60F			MM	2/24/05
692	Degrees API D4052	57.97	Degrees API			MM	2/24/05
691	Density @ 60 deg F D4052	0.74607	g/cm-03 @ 60 deg F			MM	2/24/05
101	Initial Boiling Point D86	98.4	Degrees F			MM	3/8/05
110	10 Percent D86	150.8	Degrees F			MM	3/8/05
150	50 Percent D86	227.3	Degrees F			MM	3/8/05
190	90 Percent D86	322.2	Degrees F			MM	3/8/05
200	End Point D86	406.2	Degrees F			MM	3/8/05
201	Residue D86	0.9	mL			MM	3/8/05
202	Total Recovery D86	98	mL			MM	3/8/05
203	Loss D86	1.1	mL			MM	3/8/05
543	Methanol by D5599	0.00	Volume Percent			TS	3/1/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	3/1/05
585	t-Butanol by D5599	0.00	Volume Percent			TS	3/1/05
586	n-Propanol by D5599	0.00	Volume Percent			TS	3/1/05
587	sec-Butanol by D5599	0.00	Volume Percent			TS	3/1/05

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588	DIPE	by D5599	0.00 Volume Percent	TS	3/1/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/1/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/1/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05

NVFEL Fuel Analysis Report

13727

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/23/05.

Season: Winter

Kansas City Samples- FTAG: 13727 Comments: #123; 8/7/04
 QPW234(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	3/1/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/1/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/1/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/1/05
421	Sulfur in Gasoline D2622	313	Parts Per Million			NST	4/5/05
62	Vapor Pressure by D5191 (Modified)	8.57	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	44.1	Volume Percent			MM	3/8/05
66	Percent Evaporated at 300 Degrees F D86	82.5	Volume Percent			MM	3/8/05
49	Olefins in by FIA D1319	10	Volume Percent			NST	6/9/05
64	Benzene in Gasoline D3606	0.94	Volume Percent			TW	3/2/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/1/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/1/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/1/05
57	TAME by D5599	0.00	Volume Percent			TS	3/1/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/1/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/1/05
46	Aromatics by FIA D1319	21.2	Volume Percent			NST	6/9/05
69	Specific Gravity @ 60 deg F D4052	0.73475	60/60F			MM	2/24/05
692	Degrees API D4052	61.08	Degrees API			MM	2/24/05
691	Density @ 60 deg F D4052	0.73402	g/cm-03 @ 60 deg F			MM	2/24/05
101	Initial Boiling Point D86	93.9	Degrees F			MM	3/8/05
110	10 Percent D86	130.5	Degrees F			MM	3/8/05
150	50 Percent D86	212.7	Degrees F			MM	3/8/05
190	90 Percent D86	333.7	Degrees F			MM	3/8/05
200	End Point D86	411.3	Degrees F			MM	3/8/05
201	Residue D86	0.9	mL			MM	3/8/05
202	Total Recovery D86	97.6	mL			MM	3/8/05
203	Loss D86	1.5	mL			MM	3/8/05
543	Methanol by D5599	0.00	Volume Percent			TS	3/1/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	3/1/05
585	t-Butanol by D5599	0.00	Volume Percent			TS	3/1/05
586	n-Propanol by D5599	0.00	Volume Percent			TS	3/1/05
587	sec-Butanol by D5599	0.00	Volume Percent			TS	3/1/05

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588	DIPE	by D5599	0.00 Volume Percent	TS	3/1/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/1/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/1/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05

NVFEL Fuel Analysis Report

13728

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/23/05.

Season: Winter

Kansas City Samples- FTAG: 13728 Comments: (5); License #: 7/13/04
254EZ8

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	3/1/05
562	ETBE by D5599	0.00	Oxy Percent		TS	3/1/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	3/1/05
572	TAME by D5599	0.00	Oxy Percent		TS	3/1/05
421	Sulfur in Gasoline D2622	70	Parts Per Million		NST	4/5/05
62	Vapor Pressure by D5191 (Modified)	6.77	PSI		NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	38.8	Volume Percent		MM	3/8/05
66	Percent Evaporated at 300 Degrees F D86	79	Volume Percent		MM	3/8/05
49	Olefins in by FIA D1319	11.4	Volume Percent		NST	6/9/05
49	Olefins in by FIA D1319	12.8	Volume Percent		NST	6/9/05
64	Benzene in Gasoline D3606	0.95	Volume Percent		TW	3/2/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	3/1/05
532	Ethanol by D5599	0.00	Volume Percent		TS	3/1/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	3/1/05
57	TAME by D5599	0.00	Volume Percent		TS	3/1/05
55	MTBE by D5599	0.00	Volume Percent		TS	3/1/05
56	ETBE by D5599	0.00	Volume Percent		TS	3/1/05
46	Aromatics by FIA D1319	29.2	Volume Percent		NST	6/9/05
46	Aromatics by FIA D1319	29.7	Volume Percent		NST	6/9/05
69	Specific Gravity @ 60 deg F D4052	0.75182	60/60F		MM	2/24/05
692	Degrees API D4052	56.71	Degrees API		MM	2/24/05
691	Density @ 60 deg F D4052	0.75108	g/cm-03 @ 60 deg F		MM	2/24/05
101	Initial Boiling Point D86	101.5	Degrees F		MM	3/8/05
110	10 Percent D86	141.4	Degrees F		MM	3/8/05
150	50 Percent D86	225.3	Degrees F		MM	3/8/05
190	90 Percent D86	347.7	Degrees F		MM	3/8/05
200	End Point D86	427.8	Degrees F		MM	3/8/05
201	Residue D86	0.9	mL		MM	3/8/05
202	Total Recovery D86	97.8	mL		MM	3/8/05
203	Loss D86	1.3	mL		MM	3/8/05
543	Methanol by D5599	0.00	Volume Percent		TS	3/1/05
584	Isopropanol by D5599	0.00	Volume Percent		TS	3/1/05
585	t-Butanol by D5599	0.00	Volume Percent		TS	3/1/05

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586	n-Propanol	by D5599	0.00 Volume Percent	TS	3/1/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
588	DIPE	by D5599	0.00 Volume Percent	TS	3/1/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/1/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/1/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05

NVFEL Fuel Analysis Report

13729

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 2/23/05.

VOC

Season: Winter

Kansas City Samples- FTAG: 13729 Comments: 306; 9/10/03
TBG337(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	3/1/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/1/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/1/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/1/05
421	Sulfur in Gasoline D2622	154	Parts Per Million			NST	4/18/05
62	Vapor Pressure by D5191 (Modified)	6.77	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	38.3	Volume Percent			MM	3/8/05
66	Percent Evaporated at 300 Degrees F D86	80.7	Volume Percent			MM	3/8/05
48	Aromatics in Gasoline MSD D5769	35.1	Volume Percent			TW	3/4/05
49	Olefins in by FIA D1319	9.7	Volume Percent			NST	6/9/05
64	Benzene in Gasoline D3606	1.81	Volume Percent			TW	3/2/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/1/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/1/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/1/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/1/05
57	TAME by D5599	0.00	Volume Percent			TS	3/1/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/1/05
46	Aromatics by FIA D1319	35.2	Volume Percent			NST	6/9/05
630	Toluene in gasoline by MSD D5769	8.06	Volume Percent			TW	3/4/05
63	Benzene in Gasoline by GC/MSD D5769	1.81	Volume Percent			TW	3/4/05
69	Specific Gravity @ 60 deg F D4052	0.76097	60/60F			MM	2/24/05
69	Specific Gravity @ 60 deg F D4052	0.76093	60/60F			MM	2/24/05
692	Degrees API D4052	54.45	Degrees API			MM	2/24/05
692	Degrees API D4052	54.46	Degrees API			MM	2/24/05
691	Density @ 60 deg F D4052	0.76021	g/cm-03 @ 60 deg F			MM	2/24/05
691	Density @ 60 deg F D4052	0.76018	g/cm-03 @ 60 deg F			MM	2/24/05
101	Initial Boiling Point D86	101.3	Degrees F			MM	3/8/05
110	10 Percent D86	144.1	Degrees F			MM	3/8/05
150	50 Percent D86	226.4	Degrees F			MM	3/8/05
190	90 Percent D86	329.5	Degrees F			MM	3/8/05
200	End Point D86	414.7	Degrees F			MM	3/8/05
201	Residue D86	0.8	mL			MM	3/8/05
202	Total Recovery D86	98.2	mL			MM	3/8/05

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203	Loss	D86	1 mL		MM	3/8/05
543	Methanol	by D5599	0.00 Volume Percent		TS	3/1/05
584	Isopropanol	by D5599	0.00 Volume Percent		TS	3/1/05
585	t-Butanol	by D5599	0.00 Volume Percent		TS	3/1/05
586	n-Propanol	by D5599	0.00 Volume Percent		TS	3/1/05
587	sec-Butanol	by D5599	0.00 Volume Percent		TS	3/1/05
588	DIPE	by D5599	0.00 Volume Percent		TS	3/1/05
589	Isobutanol	by D5599	0.00 Volume Percent		TS	3/1/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent		TS	3/1/05
5802	n-Butanol	by D5599	0.00 Volume Percent		TS	3/1/05

NVFEL Fuel Analysis Report

13730

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 2/24/05.

VOC

Season: Winter

Kansas City Samples-109 FTAG: 13730

Comments: 8/5/04

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	3/1/05
552	MTBE by D5599	0.00	Oxy Percent			TS	3/1/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/1/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/1/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/1/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/1/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/1/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/1/05
421	Sulfur in Gasoline D2622	117	Parts Per Million			NST	4/18/05
62	Vapor Pressure by D5191 (Modified)	6.38	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	36.6	Volume Percent			MM	3/8/05
66	Percent Evaporated at 300 Degrees F D86	80.9	Volume Percent			MM	3/8/05
48	Aromatics in Gasoline MSD D5769	30.08	Volume Percent			TW	3/4/05
49	Olefins in by FIA D1319	8.6	Volume Percent			NST	6/9/05
64	Benzene in Gasoline D3606	1.46	Volume Percent			TW	3/2/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/1/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/1/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/1/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/1/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/1/05
57	TAME by D5599	0.00	Volume Percent			TS	3/1/05
57	TAME by D5599	0.00	Volume Percent			TS	3/1/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/1/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/1/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/1/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/1/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/1/05
63	Benzene in Gasoline by GC/MSD D5769	1.45	Volume Percent			TW	3/4/05
630	Toluene in gasoline by MSD D5769	6.61	Volume Percent			TW	3/4/05
46	Aromatics by FIA D1319	30	Volume Percent			NST	6/9/05
69	Specific Gravity @ 60 deg F D4052	0.75363	60/60F			MM	2/25/05
69	Specific Gravity @ 60 deg F D4052	0.75364	60/60F			MM	2/25/05
692	Degrees API D4052	56.26	Degrees API			MM	2/25/05

NVFEL Fuel Analysis Report

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692	Degrees API	D4052	56.26 Degrees API	MM	2/25/05
691	Density @ 60 deg F	D4052	0.75288 g/cm-03 @ 60 deg F	MM	2/25/05
691	Density @ 60 deg F	D4052	0.75289 g/cm-03 @ 60 deg F	MM	2/25/05
101	Initial Boiling Point	D86	103.5 Degrees F	MM	3/8/05
110	10 Percent	D86	148.3 Degrees F	MM	3/8/05
150	50 Percent	D86	224.8 Degrees F	MM	3/8/05
190	90 Percent	D86	334.9 Degrees F	MM	3/8/05
200	End Point	D86	432 Degrees F	MM	3/8/05
201	Residue	D86	0.9 mL	MM	3/8/05
202	Total Recovery	D86	98.2 mL	MM	3/8/05
203	Loss	D86	0.9 mL	MM	3/8/05
543	Methanol	by D5599	0.00 Volume Percent	TS	3/1/05
543	Methanol	by D5599	0.00 Volume Percent	TS	3/1/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	3/1/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	3/1/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	3/1/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	3/1/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
588	DIPE	by D5599	0.00 Volume Percent	TS	3/1/05
588	DIPE	by D5599	0.00 Volume Percent	TS	3/1/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/1/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/1/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/1/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/1/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/1/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/24/05.

Season: Winter

Kansas City Samples- FTAG: 13731 Comments: 8-4-04
765RBW(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	3/2/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/2/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/2/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/2/05
421	Sulfur in Gasoline D2622	146	Parts Per Million			NST	4/18/05
62	Vapor Pressure by D5191 (Modified)	6.47	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	38.5	Volume Percent			MM	3/9/05
66	Percent Evaporated at 300 Degrees F D86	81	Volume Percent			MM	3/9/05
48	Aromatics in Gasoline MSD D5769	31.7	Volume Percent			TW	3/4/05
49	Olefins in by FIA D1319	8.6	Volume Percent			NST	6/9/05
64	Benzene in Gasoline D3606	1.58	Volume Percent			TW	3/2/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/2/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/2/05
57	TAME by D5599	0.00	Volume Percent			TS	3/2/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/2/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/2/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/2/05
630	Toluene in gasoline by MSD D5769	6.95	Volume Percent			TW	3/4/05
63	Benzene in Gasoline by GC/MSD D5769	1.58	Volume Percent			TW	3/4/05
46	Aromatics by FIA D1319	31.8	Volume Percent			NST	6/9/05
69	Specific Gravity @ 60 deg F D4052	0.75518	60/60F			MM	2/25/05
692	Degrees API D4052	55.87	Degrees API			MM	2/25/05
691	Density @ 60 deg F D4052	0.75444	g/cm-03 @ 60 deg F			MM	2/25/05
101	Initial Boiling Point D86	101.7	Degrees F			MM	3/9/05
110	10 Percent D86	144.9	Degrees F			MM	3/9/05
150	50 Percent D86	222.1	Degrees F			MM	3/9/05
190	90 Percent D86	332.1	Degrees F			MM	3/9/05
200	End Point D86	426.4	Degrees F			MM	3/9/05
201	Residue D86	0.9	mL			MM	3/9/05
202	Total Recovery D86	98.1	mL			MM	3/9/05
203	Loss D86	1	mL			MM	3/9/05
543	Methanol by D5599	0.00	Volume Percent			TS	3/2/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	3/2/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	3/2/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	3/2/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	3/2/05
588	DIPE	by D5599	0.00 Volume Percent	TS	3/2/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/2/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/2/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/2/05

NVFEL Fuel Analysis Report

13732

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/24/05.

Season: Winter

Kansas City Samples- FTAG: 13732 Comments: 153; 8/13/04
820WSN(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	3/2/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/2/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/2/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/2/05
421	Sulfur in Gasoline D2622	133	Parts Per Million			NST	4/18/05
62	Vapor Pressure by D5191 (Modified)	6.93	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	38.9	Volume Percent			MM	3/9/05
66	Percent Evaporated at 300 Degrees F D86	80.5	Volume Percent			MM	3/9/05
48	Aromatics in Gasoline MSD D5769	33.96	Volume Percent			TW	3/4/05
49	Olefins in by FIA D1319	8.2	Volume Percent			NST	6/20/05
49	Olefins in by FIA D1319	8.4	Volume Percent			NST	6/20/05
64	Benzene in Gasoline D3606	1.86	Volume Percent			TW	3/2/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/2/05
57	TAME by D5599	0.00	Volume Percent			TS	3/2/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/2/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/2/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/2/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/2/05
46	Aromatics by FIA D1319	35.4	Volume Percent			NST	6/20/05
630	Toluene in gasoline by MSD D5769	7.61	Volume Percent			TW	3/4/05
63	Benzene in Gasoline by GC/MSD D5769	1.84	Volume Percent			TW	3/4/05
46	Aromatics by FIA D1319	35.2	Volume Percent			NST	6/20/05
69	Specific Gravity @ 60 deg F D4052	0.75836	60/60F			MM	2/25/05
692	Degrees API D4052	55.09	Degrees API			MM	2/25/05
691	Density @ 60 deg F D4052	0.75761	g/cm-03 @ 60 deg F			MM	2/25/05
101	Initial Boiling Point D86	101.8	Degrees F			MM	3/9/05
110	10 Percent D86	141.8	Degrees F			MM	3/9/05
150	50 Percent D86	224.1	Degrees F			MM	3/9/05
190	90 Percent D86	335.8	Degrees F			MM	3/9/05
200	End Point D86	422.8	Degrees F			MM	3/9/05
201	Residue D86	0.9	mL			MM	3/9/05
202	Total Recovery D86	98.1	mL			MM	3/9/05
203	Loss D86	1	mL			MM	3/9/05

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543	Methanol	by D5599	0.00 Volume Percent	TS	3/2/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	3/2/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	3/2/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	3/2/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	3/2/05
588	DIPE	by D5599	0.00 Volume Percent	TS	3/2/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/2/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/2/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/2/05

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/24/05.

Season: Winter

Kansas City Samples-775- FTAG: 13733

Comments: 33; 7-21-04

XFJ

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	3/2/05
562	ETBE by D5599	0.00	Oxy Percent		TS	3/2/05
534	Ethanol by D5599	0.14	Oxy Percent		TS	3/2/05
572	TAME by D5599	0.00	Oxy Percent		TS	3/2/05
421	Sulfur in Gasoline D2622	106	Parts Per Million		NST	4/18/05
62	Vapor Pressure by D5191 (Modified)	6.66	PSI		NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	38.3	Volume Percent		MM	3/9/05
66	Percent Evaporated at 300 Degrees F D86	79.5	Volume Percent		MM	3/9/05
48	Aromatics in Gasoline MSD D5769	29.98	Volume Percent		TW	3/4/05
49	Olefins in by FIA D1319	9.4	Volume Percent		NST	6/20/05
49	Olefins in by FIA D1319	9.7	Volume Percent		NST	6/20/05
64	Benzene in Gasoline D3606	1.44	Volume Percent		TW	3/2/05
64	Benzene in Gasoline D3606	1.44	Volume Percent		TW	3/2/05
55	MTBE by D5599	0.00	Volume Percent		TS	3/2/05
57	TAME by D5599	0.00	Volume Percent		TS	3/2/05
59	Weight Percent Oxygen by D5599	0.14	Weight Percent		TS	3/2/05
532	Ethanol by D5599	0.39	Volume Percent		TS	3/2/05
593	Volume Percent Oxygenates by D5599	0.39	Volume Percent		TS	3/2/05
56	ETBE by D5599	0.00	Volume Percent		TS	3/2/05
46	Aromatics by FIA D1319	31.1	Volume Percent		NST	6/20/05
630	Toluene in gasoline by MSD D5769	6.41	Volume Percent		TW	3/4/05
63	Benzene in Gasoline by GC/MSD D5769	1.45	Volume Percent		TW	3/4/05
46	Aromatics by FIA D1319	31	Volume Percent		NST	6/20/05
69	Specific Gravity @ 60 deg F D4052	0.75543	60/60F		MM	2/25/05
692	Degrees API D4052	55.81	Degrees API		MM	2/25/05
691	Density @ 60 deg F D4052	0.75469	g/cm-03 @ 60 deg F		MM	2/25/05
101	Initial Boiling Point D86	102.4	Degrees F		MM	3/9/05
110	10 Percent D86	141.3	Degrees F		MM	3/9/05
150	50 Percent D86	225.3	Degrees F		MM	3/9/05
190	90 Percent D86	339.8	Degrees F		MM	3/9/05
200	End Point D86	437.5	Degrees F		MM	3/9/05
201	Residue D86	0.8	mL		MM	3/9/05
202	Total Recovery D86	97.8	mL		MM	3/9/05

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203	Loss	D86	1.4 mL	MM	3/9/05
543	Methanol	by D5599	0.00 Volume Percent	TS	3/2/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	3/2/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	3/2/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	3/2/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	3/2/05
588	DIPE	by D5599	0.00 Volume Percent	TS	3/2/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/2/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/2/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/2/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/24/05.

Season: Winter

Kansas City Samples- FTAG: 13734 Comments: #384; 9-24-04
387FFR(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	3/2/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/2/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/2/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/2/05
421	Sulfur in Gasoline D2622	134	Parts Per Million			NST	4/18/05
62	Vapor Pressure by D5191 (Modified)	8.24	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	41.8	Volume Percent			MM	3/9/05
66	Percent Evaporated at 300 Degrees F D86	81.6	Volume Percent			MM	3/9/05
48	Aromatics in Gasoline MSD D5769	30.45	Volume Percent			TW	3/4/05
49	Olefins in by FIA D1319	8	Volume Percent			NST	6/20/05
64	Benzene in Gasoline D3606	1.50	Volume Percent			TW	3/3/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/2/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/2/05
57	TAME by D5599	0.00	Volume Percent			TS	3/2/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/2/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/2/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/2/05
630	Toluene in gasoline by MSD D5769	6.79	Volume Percent			TW	3/4/05
63	Benzene in Gasoline by GC/MSD D5769	1.52	Volume Percent			TW	3/4/05
46	Aromatics by FIA D1319	30.5	Volume Percent			NST	6/20/05
69	Specific Gravity @ 60 deg F D4052	0.75047	60/60F			MM	2/25/05
692	Degrees API D4052	57.05	Degrees API			MM	2/25/05
691	Density @ 60 deg F D4052	0.74973	g/cm-03 @ 60 deg F			MM	2/25/05
101	Initial Boiling Point D86	96.1	Degrees F			MM	3/9/05
110	10 Percent D86	134.1	Degrees F			MM	3/9/05
150	50 Percent D86	218.8	Degrees F			MM	3/9/05
190	90 Percent D86	331.2	Degrees F			MM	3/9/05
200	End Point D86	415.8	Degrees F			MM	3/9/05
201	Residue D86	0.8	mL			MM	3/9/05
202	Total Recovery D86	97.9	mL			MM	3/9/05
203	Loss D86	1.3	mL			MM	3/9/05
543	Methanol by D5599	0.00	Volume Percent			TS	3/2/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	3/2/05

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	3/2/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	3/2/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	3/2/05
588	DIPE	by D5599	0.00 Volume Percent	TS	3/2/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/2/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/2/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/2/05

NVFEL Fuel Analysis Report

13736

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 2/24/05.

Season: Winter

Kansas City Samples- FTAG: 13736 Comments: 670; 2-9-05
SKN097(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	3/2/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/2/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/2/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/2/05
421	Sulfur in Gasoline D2622	255	Parts Per Million			NST	4/5/05
62	Vapor Pressure by D5191 (Modified)	14.33	PSI			NST	2/24/05
62	Vapor Pressure by D5191 (Modified)	14.33	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	52.5	Volume Percent			MM	3/9/05
66	Percent Evaporated at 300 Degrees F D86	85.5	Volume Percent			MM	3/9/05
49	Olefins In by FIA D1319	8.9	Volume Percent			NST	6/20/05
64	Benzene in Gasoline D3606	1.26	Volume Percent			TW	3/3/05
57	TAME by D5599	0.00	Volume Percent			TS	3/2/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/2/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/2/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/2/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/2/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/2/05
46	Aromatics by FIA D1319	22.4	Volume Percent			NST	6/20/05
69	Specific Gravity @ 60 deg F D4052	0.72656	60/60F			MM	2/25/05
692	Degrees API D4052	63.25	Degrees API			MM	2/25/05
691	Density @ 60 deg F D4052	0.72584	g/cm-03 @ 60 deg F			MM	2/25/05
101	Initial Boiling Point D86	80.4	Degrees F			MM	3/9/05
110	10 Percent D86	96.3	Degrees F			MM	3/9/05
150	50 Percent D86	192.6	Degrees F			MM	3/9/05
190	90 Percent D86	319.1	Degrees F			MM	3/9/05
200	End Point D86	401.2	Degrees F			MM	3/9/05
201	Residue D86	0.9	mL			MM	3/9/05
202	Total Recovery D86	96.9	mL			MM	3/9/05
203	Loss D86	2.2	mL			MM	3/9/05
543	Methanol by D5599	0.00	Volume Percent			TS	3/2/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	3/2/05
585	t-Butanol by D5599	0.00	Volume Percent			TS	3/2/05
586	n-Propanol by D5599	0.00	Volume Percent			TS	3/2/05

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587	sec-Butanol	by D5599	0.00 Volume Percent	TS	3/2/05
588	DIPE	by D5599	0.00 Volume Percent	TS	3/2/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	3/2/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	3/2/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	3/2/05

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 2/24/05.

VOC

Season: Winter

Kansas City Samples- FTAG: 13738 Comments: #419; 9-27-04
VEP260(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	3/2/05
562	ETBE by D5599	0.00	Oxy Percent			TS	3/2/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	3/2/05
572	TAME by D5599	0.00	Oxy Percent			TS	3/2/05
421	Sulfur in Gasoline D2622	41	Parts Per Million			NST	4/5/05
62	Vapor Pressure by D5191 (Modified)	8.22	PSI			NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	32.9	Volume Percent			MM	3/9/05
66	Percent Evaporated at 300 Degrees F D86	85.8	Volume Percent			MM	3/9/05
49	Olefins in by FIA D1319	2.1	Volume Percent			NST	6/20/05
64	Benzene in Gasoline D3606	1.41	Volume Percent			TW	3/3/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	3/2/05
55	MTBE by D5599	0.00	Volume Percent			TS	3/2/05
532	Ethanol by D5599	0.00	Volume Percent			TS	3/2/05
57	TAME by D5599	0.00	Volume Percent			TS	3/2/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	3/2/05
56	ETBE by D5599	0.00	Volume Percent			TS	3/2/05
46	Aromatics by FIA D1319	26.3	Volume Percent			NST	6/20/05
69	Specific Gravity @ 60 deg F D4052	0.74159	60/60F			MM	2/25/05
692	Degrees API D4052	59.31	Degrees API			MM	2/25/05
691	Density @ 60 deg F D4052	0.74086	g/cm-03 @ 60 deg F			MM	2/25/05
101	Initial Boiling Point D86	93.2	Degrees F			MM	3/9/05
110	10 Percent D86	138.6	Degrees F			MM	3/9/05
150	50 Percent D86	226.2	Degrees F			MM	3/9/05
190	90 Percent D86	317.5	Degrees F			MM	3/9/05
200	End Point D86	405.9	Degrees F			MM	3/9/05
201	Residue D86	0.8	mL			MM	3/9/05
202	Total Recovery D86	97.5	mL			MM	3/9/05
203	Loss D86	1.7	mL			MM	3/9/05
543	Methanol by D5599	0.00	Volume Percent			TS	3/2/05
584	Isopropanol by D5599	0.00	Volume Percent			TS	3/2/05
585	t-Butanol by D5599	0.00	Volume Percent			TS	3/2/05
586	n-Propanol by D5599	0.00	Volume Percent			TS	3/2/05
587	sec-Butanol by D5599	0.00	Volume Percent			TS	3/2/05

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588	DIPE	by D5599	0.00	Volume Percent
589	Isobutanol	by D5599	0.00	Volume Percent
5801	t-Amyl Alcohol	by D5599	0.00	Volume Percent
5802	n-Butanol	by D5599	0.00	Volume Percent

TS	3/2/05
TS	3/2/05
TS	3/2/05
TS	3/2/05

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Batch#

Kansas City Samples

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 2/24/05.

VOC

Season: Winter

Kansas City Samples- FTAG: 13739 Comments: 679; 02-11-05
 QAS380(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	3/2/05
552	MTBE by D5599	0.00	Oxy Percent		TS	3/2/05
562	ETBE by D5599	0.00	Oxy Percent		TS	3/2/05
562	ETBE by D5599	0.00	Oxy Percent		TS	3/2/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	3/2/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	3/2/05
572	TAME by D5599	0.00	Oxy Percent		TS	3/2/05
572	TAME by D5599	0.00	Oxy Percent		TS	3/2/05
421	Sulfur in Gasoline D2622	346	Parts Per Million		NST	4/5/05
62	Vapor Pressure by D5191 (Modified)	13.81	PSI		NST	2/24/05
62	Vapor Pressure by D5191 (Modified)	13.79	PSI		NST	2/24/05
65	Percent Evaporated at 200 Degrees F D86	51.5	Volume Percent		MM	3/9/05
66	Percent Evaporated at 300 Degrees F D86	85.7	Volume Percent		MM	3/9/05
49	Olefins in by FIA D1319	9.7	Volume Percent		NST	6/20/05
64	Benzene in Gasoline D3606	1.25	Volume Percent		TW	3/3/05
532	Ethanol by D5599	0.00	Volume Percent		TS	3/2/05
532	Ethanol by D5599	0.00	Volume Percent		TS	3/2/05
55	MTBE by D5599	0.00	Volume Percent		TS	3/2/05
55	MTBE by D5599	0.00	Volume Percent		TS	3/2/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	3/2/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	3/2/05
57	TAME by D5599	0.00	Volume Percent		TS	3/2/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	3/2/05
57	TAME by D5599	0.00	Volume Percent		TS	3/2/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	3/2/05
56	ETBE by D5599	0.00	Volume Percent		TS	3/2/05
56	ETBE by D5599	0.00	Volume Percent		TS	3/2/05
46	Aromatics by FIA D1319	22.7	Volume Percent		NST	6/20/05
69	Specific Gravity @ 60 deg F D4052	0.72681	60/60F		MM	2/25/05
69	Specific Gravity @ 60 deg F D4052	0.72673	60/60F		MM	2/25/05
692	Degrees API D4052	63.21	Degrees API		MM	2/25/05
692	Degrees API D4052	63.19	Degrees API		MM	2/25/05
691	Density @ 60 deg F D4052	0.72609	g/cm-03 @ 60 deg F		MM	2/25/05

691	Density @ 60 deg F	D4052
101	Initial Boiling Point	D86
110	10 Percent	D86
150	50 Percent	D86
190	90 Percent	D86
200	End Point	D86
201	Residue	D86
202	Total Recovery	D86
203	Loss	D86
543	Methanol	by D5599
543	Methanol	by D5599
584	Isopropanol	by D5599
584	Isopropanol	by D5599
585	t-Butanol	by D5599
585	t-Butanol	by D5599
586	n-Propanol	by D5599
586	n-Propanol	by D5599
587	sec-Butanol	by D5599
587	sec-Butanol	by D5599
588	DIPE	by D5599
588	DIPE	by D5599
589	Isobutanol	by D5599
589	Isobutanol	by D5599
5801	t-Amyl Alcohol	by D5599
5801	t-Amyl Alcohol	by D5599
5802	n-Butanol	by D5599
5802	n-Butanol	by D5599

[illegible][illegible]

NVFEL Fuel Analysis Report

13822

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

R.1.5

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/8/2005.

Season: Winter

Kansas City Samples- FTAG: 13822 Comments: 591; 1-24-05
608CNC(Mo)

Test Code	Test Method	Results	Units	Fuel Code: 41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	5/9/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	5/9/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/9/2005
572	TAME by D5599	0.00	Oxy Percent		TS	5/9/2005
421	Sulfur in Gasoline D2622	246	Parts Per Million		NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	13.4	PS I		NST	4/11/2005
62	Vapor Pressure by D5191 (Modified)	13.42	PS I		NST	4/11/2005
65	Percent Evaporated at 200 Degrees F D86	47.2	Volume Percent		MM	4/22/2005
66	Percent Evaporated at 300 Degrees F D86	85	Volume Percent		MM	4/22/2005
48	Aromatics in Gasoline MSD D5769	24.72	Volume Percent		TW	10/27/2005
49	Olefins in by FIA D1319	7.7	Volume Percent		MM	7/27/2005
64	Benzene in Gasoline D3606	0.96	Volume Percent		TW	8/1/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/9/2005
55	MTBE by D5599	0.00	Volume Percent		TS	5/9/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	5/9/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/9/2005
57	TAME by D5599	0.00	Volume Percent		TS	5/9/2005
56	ETBE by D5599	0.00	Volume Percent		TS	5/9/2005
630	Toluene in gasoline by MSD D5769	6.1	Volume Percent		TW	10/27/2005
63	Benzene in Gasoline by GC/MSD D5769	0.95	Volume Percent		TW	10/27/2005
46	Aromatics by FIA D1319	23.2	Volume Percent		MM	7/27/2005
69	Specific Gravity @ 60 deg F D4052	0.73048	60/60F		MM	4/12/2005
692	Degrees API D4052	62.21	Degrees API		MM	4/12/2005
691	Density @ 60 deg F D4052	0.72976	g/cm-03 @ 60 deg F		MM	4/12/2005
101	Initial Boiling Point D86	83.1	Degrees F		MM	4/22/2005
110	10 Percent D86	104.4	Degrees F		MM	4/22/2005
150	50 Percent D86	207.3	Degrees F		MM	4/22/2005
190	90 Percent D86	322.3	Degrees F		MM	4/22/2005
200	End Point D86	403	Degrees F		MM	4/22/2005
201	Residue D86	0.8	mL		MM	4/22/2005
202	Total Recovery D86	97.3	mL		MM	4/22/2005
203	Loss D86	1.9	mL		MM	4/22/2005
543	Methanol by D5599	0.00	Volume Percent		TS	5/9/2005

02-Nov-05

NVFEL Fuel Analysis Report

13822

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584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/9/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/9/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	5/9/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/9/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/9/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005

NVFEL Fuel Analysis Report

13823

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

U2D777

84472 R2

Samples Type: Correlation

Inspection information logged in by MM on 4/11/2005.

Kansas City Samples-
UZO777(Ks)

FTAG: 13823

Comments: 173; 8-17-04

VOC

Season: Winter

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	5/9/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	5/9/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/9/2005
572	TAME by D5599	0.00	Oxy Percent		TS	5/9/2005
421	Sulfur in Gasoline D2622	170	Parts Per Million		NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	6.27	PS I		NST	4/11/2005
65	Percent Evaporated at 200 Degrees F D86	36.8	Volume Percent		MM	4/22/2005
66	Percent Evaporated at 300 Degrees F D86	78.7	Volume Percent		MM	4/22/2005
48	Aromatics in Gasoline MSD D5769	32.4	Volume Percent		TW	10/27/2005
49	Olefins in by FIA D1319	9.5	Volume Percent		MM	7/27/2005
64	Benzene in Gasoline D3606	1.63	Volume Percent		TW	8/1/2005
55	MTBE by D5599	0.00	Volume Percent		TS	5/9/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/9/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	5/9/2005
57	TAME by D5599	0.00	Volume Percent		TS	5/9/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/9/2005
56	ETBE by D5599	0.00	Volume Percent		TS	5/9/2005
46	Aromatics by FIA D1319	33.1	Volume Percent		MM	7/27/2005
630	Toluene in gasoline by MSD D5769	7.44	Volume Percent		TW	10/27/2005
63	Benzene in Gasoline by GC/MSD D5769	1.59	Volume Percent		TW	10/27/2005
69	Specific Gravity @ 60 deg F D4052	0.75846	60/60F		MM	4/12/2005
692	Degrees API D4052	55.06	Degrees API		MM	4/12/2005
691	Density @ 60 deg F D4052	0.75771	g/cm-03 @ 60 deg F		MM	4/12/2005
101	Initial Boiling Point D86	100.8	Degrees F		MM	4/22/2005
110	10 Percent D86	146.5	Degrees F		MM	4/22/2005
150	50 Percent D86	226.2	Degrees F		MM	4/22/2005
190	90 Percent D86	341.8	Degrees F		MM	4/22/2005
200	End Point D86	432.7	Degrees F		MM	4/22/2005
201	Residue D86	0.8	mL		MM	4/22/2005
202	Total Recovery D86	98	mL		MM	4/22/2005
203	Loss D86	1.2	mL		MM	4/22/2005
543	Methanol by D5599	0.00	Volume Percent		TS	5/9/2005
584	Isopropanol by D5599	0.00	Volume Percent		TS	5/9/2005

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/9/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	5/9/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/9/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/9/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005

NVFEL Fuel Analysis Report

13824

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

R1 Run 84189

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13824 Comments: 169; 8-17-04
409PM5(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	5/9/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	5/9/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/9/2005
572	TAME by D5599	0.00	Oxy Percent		TS	5/9/2005
421	Sulfur in Gasoline D2622	166	Parts Per Million		NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	6.56	PSI		NST	4/11/2005
65	Percent Evaporated at 200 Degrees F D86	38	Volume Percent		MM	4/22/2005
66	Percent Evaporated at 300 Degrees F D86	80.5	Volume Percent		MM	4/22/2005
48	Aromatics in Gasoline MSD D5769	28.81	Volume Percent		TW	10/27/2005
49	Olefins in by FIA D1319	9.5	Volume Percent		MM	7/27/2005
64	Benzene in Gasoline D3606	1.27	Volume Percent		TW	8/1/2005
55	MTBE by D5599	0.00	Volume Percent		TS	5/9/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/9/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	5/9/2005
57	TAME by D5599	0.00	Volume Percent		TS	5/9/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/9/2005
56	ETBE by D5599	0.00	Volume Percent		TS	5/9/2005
46	Aromatics by FIA D1319	29.5	Volume Percent		MM	7/27/2005
630	Toluene in gasoline by MSD D5769	6.01	Volume Percent		TW	10/27/2005
63	Benzene in Gasoline by GC/MSD D5769	1.25	Volume Percent		TW	10/27/2005
69	Specific Gravity @ 60 deg F D4052	0.75261	60/60F		MM	4/13/2005
692	Degrees API D4052	56.51	Degrees API		MM	4/13/2005
691	Density @ 60 deg F D4052	0.75187	g/cm-03 @ 60 deg F		MM	4/13/2005
101	Initial Boiling Point D86	98.7	Degrees F		MM	4/22/2005
110	10 Percent D86	143.3	Degrees F		MM	4/22/2005
150	50 Percent D86	224.6	Degrees F		MM	4/22/2005
190	90 Percent D86	340.1	Degrees F		MM	4/22/2005
200	End Point D86	452.6	Degrees F		MM	4/22/2005
201	Residue D86	0.8	mL		MM	4/22/2005
202	Total Recovery D86	97.7	mL		MM	4/22/2005
203	Loss D86	1.5	mL		MM	4/22/2005
543	Methanol by D5599	0.00	Volume Percent		TS	5/9/2005
584	Isopropanol by D5599	0.00	Volume Percent		TS	5/9/2005

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/9/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	5/9/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/9/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/9/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

84339 R1

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13825 Comments: #367; 9-22-04
SKZ544(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	5/9/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	5/9/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/9/2005
572	TAME by D5599	0.00	Oxy Percent		TS	5/9/2005
421	Sulfur in Gasoline D2622	141	Parts Per Million		NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	7.34	PSI		NST	4/11/2005
65	Percent Evaporated at 200 Degrees F D86	42.1	Volume Percent		MM	4/22/2005
66	Percent Evaporated at 300 Degrees F D86	78.8	Volume Percent		MM	4/22/2005
48	Aromatics in Gasoline MSD D5769	31.58	Volume Percent		TW	10/27/2005
49	Olefins in by FIA D1319	9.4	Volume Percent		MM	7/27/2005
64	Benzene in Gasoline D3606	1.15	Volume Percent		TW	8/1/2005
55	MTBE by D5599	0.00	Volume Percent		TS	5/9/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/9/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	5/9/2005
57	TAME by D5599	0.00	Volume Percent		TS	5/9/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/9/2005
56	ETBE by D5599	0.00	Volume Percent		TS	5/9/2005
46	Aromatics by FIA D1319	32.2	Volume Percent		MM	7/27/2005
630	Toluene in gasoline by MSD D5769	6.85	Volume Percent		TW	10/27/2005
63	Benzene in Gasoline by GC/MSD D5769	1.14	Volume Percent		TW	10/27/2005
69	Specific Gravity @ 60 deg F D4052	0.75431	60/60F		MM	4/13/2005
692	Degrees API D4052	56.09	Degrees API		MM	4/13/2005
691	Density @ 60 deg F D4052	0.75357	g/cm-03 @ 60 deg F		MM	4/13/2005
101	Initial Boiling Point D86	98.2	Degrees F		MM	4/22/2005
110	10 Percent D86	132.3	Degrees F		MM	4/22/2005
150	50 Percent D86	221	Degrees F		MM	4/22/2005
190	90 Percent D86	341.2	Degrees F		MM	4/22/2005
200	End Point D86	432.7	Degrees F		MM	4/22/2005
201	Residue D86	0.8	mL		MM	4/22/2005
202	Total Recovery D86	98.2	mL		MM	4/22/2005
203	Loss D86	1	mL		MM	4/22/2005
543	Methanol by D5599	0.00	Volume Percent		TS	5/9/2005
584	Isopropanol by D5599	0.00	Volume Percent		TS	5/9/2005

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/9/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	5/9/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/9/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/9/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005

NVFEL Fuel Analysis Report

13826

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

84154 R1

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13826 Comments: #2; 8/9/04
169KT4(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	5/9/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	5/9/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/9/2005
572	TAME by D5599	0.00	Oxy Percent		TS	5/9/2005
421	Sulfur in Gasoline D2622	179	Parts Per Million		NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	6.54	PS I		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	37.1	Volume Percent		MM	4/22/2005
66	Percent Evaporated at 300 Degrees F D86	80.2	Volume Percent		MM	4/22/2005
48	Aromatics in Gasoline MSD D5769	32.74	Volume Percent		TW	10/27/2005
49	Olefins in by FIA D1319	7.8	Volume Percent		MM	7/27/2005
64	Benzene in Gasoline D3606	1.61	Volume Percent		TW	8/1/2005
55	MTBE by D5599	0.00	Volume Percent		TS	5/9/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/9/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	5/9/2005
57	TAME by D5599	0.00	Volume Percent		TS	5/9/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/9/2005
56	ETBE by D5599	0.00	Volume Percent		TS	5/9/2005
46	Aromatics by FIA D1319	34.3	Volume Percent		MM	7/27/2005
630	Toluene in gasoline by MSD D5769	7.28	Volume Percent		TW	10/27/2005
63	Benzene in Gasoline by GC/MSD D5769	1.55	Volume Percent		TW	10/27/2005
69	Specific Gravity @ 60 deg F D4052	0.75748	60/60F		MM	4/13/2005
692	Degrees API D4052	55.3	Degrees API		MM	4/13/2005
691	Density @ 60 deg F D4052	0.75673	g/cm-03 @ 60 deg F		MM	4/13/2005
101	Initial Boiling Point D86	105.8	Degrees F		MM	4/22/2005
110	10 Percent D86	147.6	Degrees F		MM	4/22/2005
150	50 Percent D86	226.2	Degrees F		MM	4/22/2005
190	90 Percent D86	331.5	Degrees F		MM	4/22/2005
200	End Point D86	421.9	Degrees F		MM	4/22/2005
201	Residue D86	0.8	mL		MM	4/22/2005
202	Total Recovery D86	98.2	mL		MM	4/22/2005
203	Loss D86	1	mL		MM	4/22/2005
543	Methanol by D5599	0.00	Volume Percent		TS	5/9/2005
584	Isopropanol by D5599	0.00	Volume Percent		TS	5/9/2005

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/9/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	5/9/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/9/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/9/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

84048 R1

Samples Type: Correlation

Inspection information logged in by MM on 4/11/2005.

Kansas City Samples-TJU404 FTAG: 13827

Comments: 605; 1-27-05

VOC

Season: Winter

Test Code	Test Method	Results	Units	Fuel Code	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent	41	TS	5/9/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	5/9/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/9/2005
572	TAME by D5599	0.00	Oxy Percent		TS	5/9/2005
421	Sulfur in Gasoline D2622	309	Parts Per Million		NST	9/7/2005
421	Sulfur in Gasoline D2622	310	Parts Per Million		NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	13.26	PSI		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	49.6	Volume Percent		MM	4/22/2005
66	Percent Evaporated at 300 Degrees F D86	84.9	Volume Percent		MM	4/22/2005
48	Aromatics in Gasoline MSD D5769	22.89	Volume Percent		TW	10/27/2005
49	Olefins in by FIA D1319	9.6	Volume Percent		MM	7/28/2005
64	Benzene in Gasoline D3606	1.16	Volume Percent		TW	8/1/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/9/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	5/9/2005
57	TAME by D5599	0.00	Volume Percent		TS	5/9/2005
55	MTBE by D5599	0.00	Volume Percent		TS	5/9/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/9/2005
56	ETBE by D5599	0.00	Volume Percent		TS	5/9/2005
46	Aromatics by FIA D1319	21.8	Volume Percent		MM	7/28/2005
63	Benzene in Gasoline by GC/MSD D5769	1.15	Volume Percent		TW	10/27/2005
630	Toluene in gasoline by MSD D5769	5.3	Volume Percent		TW	10/27/2005
69	Specific Gravity @ 60 deg F D4052	0.72758	60/60F		MM	4/13/2005
692	Degrees API D4052	62.98	Degrees API		MM	4/13/2005
691	Density @ 60 deg F D4052	0.72686	g/cm-03 @ 60 deg F		MM	4/13/2005
101	Initial Boiling Point D86	80.4	Degrees F		MM	4/22/2005
110	10 Percent D86	102.4	Degrees F		MM	4/22/2005
150	50 Percent D86	201	Degrees F		MM	4/22/2005
190	90 Percent D86	322.2	Degrees F		MM	4/22/2005
200	End Point D86	412.3	Degrees F		MM	4/22/2005
201	Residue D86	0.8	mL		MM	4/22/2005
202	Total Recovery D86	96.8	mL		MM	4/22/2005
203	Loss D86	2.4	mL		MM	4/22/2005
543	Methanol by D5599	0.00	Volume Percent		TS	5/9/2005

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584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/9/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/9/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	5/9/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/9/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/9/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005

NVFEL Fuel Analysis Report

13828

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

846 00 R2

Samples Type: Correlation

Inspection information logged in by MM on 4/11/2005.

Kansas City Samples-QLZ917FTAG: 13828

Comments: 756; 2-28-05

VOC

Season: Winter

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	5/9/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	5/9/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/9/2005
572	TAME by D5599	0.00	Oxy Percent		TS	5/9/2005
421	Sulfur in Gasoline D2622	163	Parts Per Million		NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	12.21	PS I		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	51.4	Volume Percent		MM	4/22/2005
66	Percent Evaporated at 300 Degrees F D86	83.8	Volume Percent		MM	4/22/2005
48	Aromatics in Gasoline MSD D5769	24.75	Volume Percent		TW	10/27/2005
49	Olefins in by FIA D1319	10.5	Volume Percent		MM	7/28/2005
64	Benzene in Gasoline D3606	1.01	Volume Percent		TW	8/1/2005
55	MTBE by D5599	0.00	Volume Percent		TS	5/9/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/9/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	5/9/2005
57	TAME by D5599	0.00	Volume Percent		TS	5/9/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/9/2005
56	ETBE by D5599	0.00	Volume Percent		TS	5/9/2005
46	Aromatics by FIA D1319	24.4	Volume Percent		MM	7/28/2005
630	Toluene in gasoline by MSD D5769	5.52	Volume Percent		TW	10/27/2005
63	Benzene in Gasoline by GC/MSD D5769	0.99	Volume Percent		TW	10/27/2005
69	Specific Gravity @ 60 deg F D4052	0.73229	60/60F		MM	4/13/2005
692	Degrees API D4052	61.73	Degrees API		MM	4/13/2005
691	Density @ 60 deg F D4052	0.73156	g/cm-03 @ 60 deg F		MM	4/13/2005
101	Initial Boiling Point D86	82.9	Degrees F		MM	4/22/2005
110	10 Percent D86	103.7	Degrees F		MM	4/22/2005
150	50 Percent D86	195.8	Degrees F		MM	4/22/2005
190	90 Percent D86	328.2	Degrees F		MM	4/22/2005
200	End Point D86	406	Degrees F		MM	4/22/2005
201	Residue D86	0.8	mL		MM	4/22/2005
202	Total Recovery D86	96.3	mL		MM	4/22/2005
203	Loss D86	2.9	mL		MM	4/22/2005
543	Methanol by D5599	0.00	Volume Percent		TS	5/9/2005
584	Isopropanol by D5599	0.00	Volume Percent		TS	5/9/2005

02-Nov-05

NVFEL Fuel Analysis Report

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/9/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	5/9/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/9/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/9/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

84533 R2

Samples Type: Correlation

Inspection information logged in by MM on 4/11/2005.

VOC

Season: Winter

Kansas City Samples-
099MSP(Mo)

FTAG: 13829

Comments: 675; 2-10-05

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	5/9/2005
562	ETBE by D5599	0.00	Oxy Percent			TS	5/9/2005
534	Ethanol by D5599	0.00	Oxy Percent			TS	5/9/2005
572	TAME by D5599	0.00	Oxy Percent			TS	5/9/2005
421	Sulfur in Gasoline D2622	235	Parts Per Million			NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	13.45	PSI			NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	51.1	Volume Percent			MM	4/22/2005
66	Percent Evaporated at 300 Degrees F D86	84.3	Volume Percent			MM	4/22/2005
48	Aromatics in Gasoline MSD D5769	23.72	Volume Percent			TW	10/27/2005
49	Olefins in by FIA D1319	10.7	Volume Percent			MM	7/28/2005
64	Benzene in Gasoline D3606	1.17	Volume Percent			TW	8/1/2005
55	MTBE by D5599	0.00	Volume Percent			TS	5/9/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	5/9/2005
532	Ethanol by D5599	0.00	Volume Percent			TS	5/9/2005
57	TAME by D5599	0.00	Volume Percent			TS	5/9/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	5/9/2005
56	ETBE by D5599	0.00	Volume Percent			TS	5/9/2005
46	Aromatics by FIA D1319	24.1	Volume Percent			MM	7/28/2005
630	Toluene in gasoline by MSD D5769	5.2	Volume Percent			TW	10/27/2005
63	Benzene in Gasoline by GC/MSD D5769	1.14	Volume Percent			TW	10/27/2005
69	Specific Gravity @ 60 deg F D4052	0.72986	60/60F			MM	4/13/2005
692	Degrees API D4052	62.37	Degrees API			MM	4/13/2005
691	Density @ 60 deg F D4052	0.72914	g/cm-03 @ 60 deg F			MM	4/13/2005
101	Initial Boiling Point D86	81.7	Degrees F			MM	4/22/2005
110	10 Percent D86	100.9	Degrees F			MM	4/22/2005
150	50 Percent D86	197.4	Degrees F			MM	4/22/2005
190	90 Percent D86	322.9	Degrees F			MM	4/22/2005
200	End Point D86	405.1	Degrees F			MM	4/22/2005
201	Residue D86	0.7	mL			MM	4/22/2005
202	Total Recovery D86	96.9	mL			MM	4/22/2005
203	Loss D86	2.4	mL			MM	4/22/2005
543	Methanol by D5599	0.00	Volume Percent			TS	5/9/2005
584	Isopropanol by D5599	0.00	Volume Percent			TS	5/9/2005

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/9/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	5/9/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/9/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/9/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

A 84436 R2

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples-
QMI147(Ks)

FTAG: 13830

Comments:

569; 1-19-05

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	5/9/2005
552	MTBE by D5599	0.00	Oxy Percent		TS	5/9/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	5/9/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	5/9/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/9/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/9/2005
572	TAME by D5599	0.00	Oxy Percent		TS	5/9/2005
572	TAME by D5599	0.00	Oxy Percent		TS	5/9/2005
421	Sulfur in Gasoline D2622	101	Parts Per Million		NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	14.1	PS I		NST	4/12/2005
62	Vapor Pressure by D5191 (Modified)	14.1	PS I		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	52.6	Volume Percent		MM	4/22/2005
66	Percent Evaporated at 300 Degrees F D86	85.4	Volume Percent		MM	4/22/2005
48	Aromatics in Gasoline MSD D5769	23.61	Volume Percent		TW	10/27/2005
49	Olefins in by FIA D1319	11.4	Volume Percent		MM	7/28/2005
64	Benzene in Gasoline D3606	1.21	Volume Percent		TW	8/1/2005
55	MTBE by D5599	0.00	Volume Percent		TS	5/9/2005
55	MTBE by D5599	0.00	Volume Percent		TS	5/9/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	5/9/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/9/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	5/9/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/9/2005
57	TAME by D5599	0.00	Volume Percent		TS	5/9/2005
57	TAME by D5599	0.00	Volume Percent		TS	5/9/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/9/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/9/2005
56	ETBE by D5599	0.00	Volume Percent		TS	5/9/2005
56	ETBE by D5599	0.00	Volume Percent		TS	5/9/2005
46	Aromatics by FIA D1319	25.6	Volume Percent		MM	7/28/2005
63	Benzene in Gasoline by GC/MSD D5769	1.18	Volume Percent		TW	10/27/2005
630	Toluene in gasoline by MSD D5769	5.53	Volume Percent		TW	10/27/2005
69	Specific Gravity @ 60 deg F D4052	0.72776	60/60F		MM	4/13/2005
692	Degrees API D4052	62.93	Degrees API		MM	4/13/2005

NVFEL Fuel Analysis Report

13830

691	Density @ 60 deg F	D4052	0.72704 g/cm-03 @ 60 deg F	MM	4/13/2005
101	Initial Boiling Point	D86	82 Degrees F	MM	4/22/2005
110	10 Percent	D86	99.1 Degrees F	MM	4/22/2005
150	50 Percent	D86	192.7 Degrees F	MM	4/22/2005
190	90 Percent	D86	321.8 Degrees F	MM	4/22/2005
200	End Point	D86	412.3 Degrees F	MM	4/22/2005
201	Residue	D86	0.8 mL	MM	4/22/2005
202	Total Recovery	D86	96.8 mL	MM	4/22/2005
203	Loss	D86	2.4 mL	MM	4/22/2005
543	Methanol	by D5599	0.00 Volume Percent	TS	5/9/2005
543	Methanol	by D5599	0.00 Volume Percent	TS	5/9/2005
584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/9/2005
584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/9/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/9/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/9/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	5/9/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	5/9/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/9/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/9/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/9/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/9/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005

NVFEL Fuel Analysis Report

13831

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

W 84457 A2

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13831 Comments: 596; 1-25-05, cap broken, transferred to a new bottle
319ELX(Mo)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	5/9/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	5/9/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/9/2005
572	TAME by D5599	0.00	Oxy Percent		TS	5/9/2005
421	Sulfur in Gasoline D2622	206	Parts Per Million		NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	13.79	PS I		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	50.1	Volume Percent		MM	4/22/2005
66	Percent Evaporated at 300 Degrees F D86	84.3	Volume Percent		MM	4/22/2005
48	Aromatics in Gasoline MSD D5769	23.07	Volume Percent		TW	10/27/2005
49	Olefins in by FIA D1319	9.4	Volume Percent		MM	7/28/2005
64	Benzene in Gasoline D3606	1.15	Volume Percent		TW	8/1/2005
64	Benzene in Gasoline D3606	1.14	Volume Percent		TW	8/1/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/9/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	5/9/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/9/2005
57	TAME by D5599	0.00	Volume Percent		TS	5/9/2005
55	MTBE by D5599	0.00	Volume Percent		TS	5/9/2005
56	ETBE by D5599	0.00	Volume Percent		TS	5/9/2005
46	Aromatics by FIA D1319	21.7	Volume Percent		MM	7/28/2005
630	Toluene in gasoline by MSD D5769	5.27	Volume Percent		TW	10/27/2005
63	Benzene in Gasoline by GC/MSD D5769	1.12	Volume Percent		TW	10/27/2005
69	Specific Gravity @ 60 deg F D4052	0.72818	60/60F		MM	4/13/2005
69	Specific Gravity @ 60 deg F D4052	0.7282	60/60F		MM	4/13/2005
692	Degrees API D4052	62.81	Degrees API		MM	4/13/2005
692	Degrees API D4052	62.82	Degrees API		MM	4/13/2005
691	Density @ 60 deg F D4052	0.72748	g/cm-03 @ 60 deg F		MM	4/13/2005
691	Density @ 60 deg F D4052	0.72746	g/cm-03 @ 60 deg F		MM	4/13/2005
101	Initial Boiling Point D86	79.3	Degrees F		MM	4/22/2005
110	10 Percent D86	99.5	Degrees F		MM	4/22/2005
150	50 Percent D86	199.6	Degrees F		MM	4/22/2005
190	90 Percent D86	323.6	Degrees F		MM	4/22/2005
200	End Point D86	430.2	Degrees F		MM	4/22/2005
201	Residue D86	0.8	mL		MM	4/22/2005

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202	Total Recovery	D86	96.6 mL	MM	4/22/2005
203	Loss	D86	2.6 mL	MM	4/22/2005
543	Methanol	by D5599	0.00 Volume Percent	TS	5/9/2005
584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/9/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/9/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	5/9/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/9/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/9/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

254MS9

NO DYNO
SEMTECH ONLY

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 4/11/2005.

VOC

Season: Winter

Kansas City Samples-
254MS9(Mo)

FTAG: 13832

Comments: 572; 1-20-05

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	5/9/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	5/9/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/9/2005
572	TAME by D5599	0.00	Oxy Percent		TS	5/9/2005
421	Sulfur in Gasoline D2622	292	Parts Per Million		NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	14.17	PSI		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	50.2	Volume Percent		MM	4/22/2005
66	Percent Evaporated at 300 Degrees F D86	85.4	Volume Percent		MM	4/22/2005
48	Aromatics in Gasoline MSD D5769	22.07	Volume Percent		TW	10/27/2005
49	Olefins in by FIA D1319	9.7	Volume Percent		MM	7/28/2005
64	Benzene in Gasoline D3606	1.18	Volume Percent		TW	8/1/2005
55	MTBE by D5599	0.00	Volume Percent		TS	5/9/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/9/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	5/9/2005
57	TAME by D5599	0.00	Volume Percent		TS	5/9/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/9/2005
56	ETBE by D5599	0.00	Volume Percent		TS	5/9/2005
46	Aromatics by FIA D1319	21.3	Volume Percent		MM	7/28/2005
630	Toluene in gasoline by MSD D5769	5.17	Volume Percent		TW	10/27/2005
63	Benzene in Gasoline by GC/MSD D5769	1.16	Volume Percent		TW	10/27/2005
69	Specific Gravity @ 60 deg F D4052	0.72569	60/60F		MM	4/13/2005
692	Degrees API D4052	63.49	Degrees API		MM	4/13/2005
691	Density @ 60 deg F D4052	0.72497	g/cm-03 @ 60 deg F		MM	4/13/2005
101	Initial Boiling Point D86	81.4	Degrees F		MM	4/22/2005
110	10 Percent D86	95.7	Degrees F		MM	4/22/2005
150	50 Percent D86	199.4	Degrees F		MM	4/22/2005
190	90 Percent D86	321.1	Degrees F		MM	4/22/2005
200	End Point D86	406.4	Degrees F		MM	4/22/2005
201	Residue D86	0.6	mL		MM	4/22/2005
202	Total Recovery D86	96.4	mL		MM	4/22/2005
203	Loss D86	3	mL		MM	4/22/2005
543	Methanol by D5599	0.00	Volume Percent		TS	5/9/2005
584	Isopropanol by D5599	0.00	Volume Percent		TS	5/9/2005

02-Nov-05

NVFEL Fuel Analysis Report

13832

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/9/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	5/9/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/9/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/9/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/9/2005

NVFEL Fuel Analysis Report

13834

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

84462 R2

Samples Type: Correlation

Inspection information logged in by MM on 4/11/2005.

VOC

Season: Winter

Kansas City Samples-374XZC FTAG: 13834

Comments: 594; 1-25-05

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	4/13/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/13/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/13/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/13/2005
421	Sulfur in Gasoline D2622	130	Parts Per Million		NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	13.29	PS I		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	49.8	Volume Percent		MM	4/25/2005
66	Percent Evaporated at 300 Degrees F D86	83.9	Volume Percent		MM	4/25/2005
48	Aromatics in Gasoline MSD D5769	21.58	Volume Percent		TW	10/28/2005
49	Olefins in by FIA D1319	10.8	Volume Percent		MM	7/29/2005
64	Benzene in Gasoline D3606	0.98	Volume Percent		TW	8/1/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/13/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/13/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/13/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/13/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/13/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/13/2005
630	Toluene in gasoline by MSD D5769	4.78	Volume Percent		TW	10/28/2005
63	Benzene in Gasoline by GC/MSD D5769	0.95	Volume Percent		TW	10/28/2005
46	Aromatics by FIA D1319	21.7	Volume Percent		MM	7/29/2005
69	Specific Gravity @ 60 deg F D4052	0.72702	60/60F		MM	4/18/2005
692	Degrees API D4052	63.13	Degrees API		MM	4/18/2005
691	Density @ 60 deg F D4052	0.7263	g/cm-03 @ 60 deg F		MM	4/18/2005
101	Initial Boiling Point D86	80.1	Degrees F		MM	4/25/2005
110	10 Percent D86	99.1	Degrees F		MM	4/25/2005
150	50 Percent D86	200.5	Degrees F		MM	4/25/2005
190	90 Percent D86	329.3	Degrees F		MM	4/25/2005
200	End Point D86	424.8	Degrees F		MM	4/25/2005
201	Residue D86	0.9	mL		MM	4/25/2005
202	Total Recovery D86	96.6	mL		MM	4/25/2005
203	Loss D86	2.5	mL		MM	4/25/2005
543	Methanol by D5599	0.00	Volume Percent		TS	4/13/2005
584	Isopropanol by D5599	0.00	Volume Percent		TS	4/13/2005

02-Nov-05

NVFEL Fuel Analysis Report

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/13/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/13/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/13/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/13/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

NO DYNO
SEMTECH ONLY

U.S.

251 HR2

Samples Type: Correlation

Inspection information logged in by MM on 4/11/2005.

VOC

Season: Winter

Kansas City Samples-
251HR2(Mo)

FTAG: 13835

Comments: 786; 3-5-05; Both bottle & label damp with gasoline

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	4/13/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/13/2005
534	Ethanol by D5599	3.33	Oxy Percent		TS	4/13/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/13/2005
421	Sulfur in Gasoline D2622	177	Parts Per Million		NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	12.84	PS I		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	56.4	Volume Percent		MM	4/25/2005
66	Percent Evaporated at 300 Degrees F D86	85	Volume Percent		MM	4/25/2005
48	Aromatics in Gasoline MSD D5769	21.59	Volume Percent		TW	10/28/2005
49	Olefins in by FIA D1319	9.3	Volume Percent		MM	7/29/2005
64	Benzene in Gasoline D3606	1.01	Volume Percent		TW	8/1/2005
532	Ethanol by D5599	8.89	Volume Percent		TS	4/13/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/13/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/13/2005
59	Weight Percent Oxygen by D5599	3.33	Weight Percent		TS	4/13/2005
593	Volume Percent Oxygenates by D5599	8.89	Volume Percent		TS	4/13/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/13/2005
630	Toluene in gasoline by MSD D5769	4.78	Volume Percent		TW	10/28/2005
63	Benzene in Gasoline by GC/MSD D5769	1	Volume Percent		TW	10/28/2005
46	Aromatics by FIA D1319	22.4	Volume Percent		MM	7/29/2005
69	Specific Gravity @ 60 deg F D4052	0.73655	60/60F		MM	4/18/2005
692	Degrees API D4052	60.61	Degrees API		MM	4/18/2005
691	Density @ 60 deg F D4052	0.73582	g/cm-03 @ 60 deg F		MM	4/18/2005
101	Initial Boiling Point D86	87.8	Degrees F		MM	4/25/2005
110	10 Percent D86	108.7	Degrees F		MM	4/25/2005
150	50 Percent D86	158.5	Degrees F		MM	4/25/2005
190	90 Percent D86	320.5	Degrees F		MM	4/25/2005
200	End Point D86	408	Degrees F		MM	4/25/2005
201	Residue D86	0.7	mL		MM	4/25/2005
202	Total Recovery D86	97.6	mL		MM	4/25/2005
203	Loss D86	1.7	mL		MM	4/25/2005
543	Methanol by D5599	0.00	Volume Percent		TS	4/13/2005
584	Isopropanol by D5599	0.00	Volume Percent		TS	4/13/2005

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NVFEL Fuel Analysis Report

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/13/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/13/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/13/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/13/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005

NVFEL Fuel Analysis Report

13836

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

84489 R2
 # 84336 R1 Retest U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13836 Comments: 626: 2/1/05; cap loose and bottle damp with gasoline
 QLX676(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	4/13/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/13/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/13/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/13/2005
421	Sulfur in Gasoline D2622	350	Parts Per Million		NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	13.53	PS I		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	50.8	Volume Percent		MM	4/25/2005
66	Percent Evaporated at 300 Degrees F D86	85.4	Volume Percent		MM	4/25/2005
48	Aromatics in Gasoline MSD D5769	22.68	Volume Percent		TW	10/28/2005
49	Olefins in by FIA D1319	10.6	Volume Percent		MM	7/29/2005
64	Benzene in Gasoline D3606	1.12	Volume Percent		TW	8/1/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/13/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/13/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/13/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/13/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/13/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/13/2005
630	Toluene in gasoline by MSD D5769	5.21	Volume Percent		TW	10/28/2005
63	Benzene in Gasoline by GC/MSD D5769	1.1	Volume Percent		TW	10/28/2005
46	Aromatics by FIA D1319	24	Volume Percent		MM	7/29/2005
69	Specific Gravity @ 60 deg F D4052	0.72588	60/60F		MM	4/18/2005
692	Degrees API D4052	63.43	Degrees API		MM	4/18/2005
691	Density @ 60 deg F D4052	0.72517	g/cm-03 @ 60 deg F		MM	4/18/2005
101	Initial Boiling Point D86	80.4	Degrees F		MM	4/25/2005
110	10 Percent D86	100	Degrees F		MM	4/25/2005
150	50 Percent D86	197.7	Degrees F		MM	4/25/2005
190	90 Percent D86	319.4	Degrees F		MM	4/25/2005
200	End Point D86	401	Degrees F		MM	4/25/2005
201	Residue D86	0.9	mL		MM	4/25/2005
202	Total Recovery D86	96.8	mL		MM	4/25/2005
203	Loss D86	2.3	mL		MM	4/25/2005
543	Methanol by D5599	0.00	Volume Percent		TS	4/13/2005
584	Isopropanol by D5599	0.00	Volume Percent		TS	4/13/2005

NVFEL Fuel Analysis Report

13836

585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/13/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/13/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/13/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/13/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

21.5

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13838 Comments: 740; 2-24-05; cap loose, bottle and label damp with gasoline; styrofoam dissol
039SBR(Mo)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	4/14/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/14/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/14/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/14/2005
421	Sulfur in Gasoline D2622	273	Parts Per Million		NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	13.13	PSI		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	49.4	Volume Percent		MM	4/25/2005
66	Percent Evaporated at 300 Degrees F D86	84.9	Volume Percent		MM	4/25/2005
48	Aromatics in Gasoline MSD D5769	22.15	Volume Percent		TW	10/28/2005
49	Olefins in by FIA D1319	9.8	Volume Percent		MM	7/29/2005
64	Benzene in Gasoline D3606	1.11	Volume Percent		TW	8/1/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/14/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/14/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/14/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/14/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/14/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/14/2005
630	Toluene in gasoline by MSD D5769	5.24	Volume Percent		TW	10/28/2005
63	Benzene in Gasoline by GC/MSD D5769	1.09	Volume Percent		TW	10/28/2005
46	Aromatics by FIA D1319	21.2	Volume Percent		MM	7/29/2005
69	Specific Gravity @ 60 deg F D4052	0.72747	60/60F		MM	4/18/2005
692	Degrees API D4052	63.01	Degrees API		MM	4/18/2005
691	Density @ 60 deg F D4052	0.72675	g/cm-03 @ 60 deg F		MM	4/18/2005
101	Initial Boiling Point D86	81.3	Degrees F		MM	4/25/2005
110	10 Percent D86	103.3	Degrees F		MM	4/25/2005
150	50 Percent D86	201.6	Degrees F		MM	4/25/2005
190	90 Percent D86	321.1	Degrees F		MM	4/25/2005
200	End Point D86	410.9	Degrees F		MM	4/25/2005
201	Residue D86	0.9	mL		MM	4/25/2005
202	Total Recovery D86	96.7	mL		MM	4/25/2005
203	Loss D86	2.4	mL		MM	4/25/2005
543	Methanol by D5599	0.00	Volume Percent		TS	4/14/2005
584	Isopropanol by D5599	0.00	Volume Percent		TS	4/14/2005

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NVFEL Fuel Analysis Report

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/14/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/14/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/14/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/14/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005

NVFEL Fuel Analysis Report

13841

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

SJX693

84289

21

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples-
?JX693(Ks)

FTAG: 13841

Comments:

317; 9-13-04; cap loose, bottle & label damp with gasoline-label partially obliterated

Test Code	Test Method	Results	Units	Fuel Code:	41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	4/14/2005
562	ETBE by D5599	0.00	Oxy Percent			TS	4/14/2005
534	Ethanol by D5599	0.00	Oxy Percent			TS	4/14/2005
572	TAME by D5599	0.00	Oxy Percent			TS	4/14/2005
421	Sulfur in Gasoline D2622	98	Parts Per Million			NST	8/24/2005
62	Vapor Pressure by D5191 (Modified)	6.4	PSI			NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	36.9	Volume Percent			MM	4/25/2005
66	Percent Evaporated at 300 Degrees F D86	74.6	Volume Percent			MM	4/25/2005
48	Aromatics in Gasoline MSD D5769	37.68	Volume Percent			TW	10/5/2005
49	Olefins in by FIA D1319	10.6	Volume Percent			MM	8/8/2005
64	Benzene in Gasoline D3606	2.31	Volume Percent			TW	8/29/2005
64	Benzene in Gasoline D3606	2.31	Volume Percent			TW	8/29/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	4/14/2005
57	TAME by D5599	0.00	Volume Percent			TS	4/14/2005
55	MTBE by D5599	0.00	Volume Percent			TS	4/14/2005
532	Ethanol by D5599	0.00	Volume Percent			TS	4/14/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	4/14/2005
56	ETBE by D5599	0.00	Volume Percent			TS	4/14/2005
46	Aromatics by FIA D1319	40.8	Volume Percent			MM	8/8/2005
63	Benzene in Gasoline by GC/MSD D5769	2.27	Volume Percent			TW	10/5/2005
630	Toluene in gasoline by MSD D5769	10.69	Volume Percent			TW	10/5/2005
69	Specific Gravity @ 60 deg F D4052	0.77083	60/60F			MM	4/18/2005
692	Degrees API D4052	52.07	Degrees API			MM	4/18/2005
691	Density @ 60 deg F D4052	0.77007	g/cm-03 @ 60 deg F			MM	4/18/2005
101	Initial Boiling Point D86	104.5	Degrees F			MM	4/25/2005
110	10 Percent D86	144.1	Degrees F			MM	4/25/2005
150	50 Percent D86	230	Degrees F			MM	4/25/2005
190	90 Percent D86	349.9	Degrees F			MM	4/25/2005
200	End Point D86	420.1	Degrees F			MM	4/25/2005
201	Residue D86	0.8	mL			MM	4/25/2005
202	Total Recovery D86	98.1	mL			MM	4/25/2005
203	Loss D86	1.1	mL			MM	4/25/2005
543	Methanol by D5599	0.00	Volume Percent			TS	4/14/2005

NVFEL Fuel Analysis Report**13841**

584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/14/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/14/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/14/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/14/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/14/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

84295 R1

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13842 Comments: 321; 9-14-04; cap loose & bottle damp with gasoline
950GMG(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	4/14/2005
562	ETBE by D5599	0.00	Oxy Percent			TS	4/14/2005
534	Ethanol by D5599	0.00	Oxy Percent			TS	4/14/2005
572	TAME by D5599	0.00	Oxy Percent			TS	4/14/2005
421	Sulfur in Gasoline D2622	48	Parts Per Million			NST	8/24/2005
62	Vapor Pressure by D5191 (Modified)	6.79	PS I			NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	40.3	Volume Percent			MM	4/25/2005
66	Percent Evaporated at 300 Degrees F D86	78.1	Volume Percent			MM	4/25/2005
48	Aromatics in Gasoline MSD D5769	29.12	Volume Percent			TW	10/6/2005
49	Olefins in by FIA D1319	11.7	Volume Percent			MM	8/8/2005
64	Benzene in Gasoline D3606	0.93	Volume Percent			TW	8/29/2005
64	Benzene in Gasoline D3606	0.93	Volume Percent			TW	8/29/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	4/14/2005
57	TAME by D5599	0.00	Volume Percent			TS	4/14/2005
55	MTBE by D5599	0.00	Volume Percent			TS	4/14/2005
532	Ethanol by D5599	0.00	Volume Percent			TS	4/14/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	4/14/2005
56	ETBE by D5599	0.00	Volume Percent			TS	4/14/2005
46	Aromatics by FIA D1319	30.3	Volume Percent			MM	8/8/2005
63	Benzene in Gasoline by GC/MSD D5769	0.92	Volume Percent			TW	10/6/2005
630	Toluene in gasoline by MSD D5769	6.17	Volume Percent			TW	10/6/2005
69	Specific Gravity @ 60 deg F D4052	0.75382	60/60F			MM	4/18/2005
692	Degrees API D4052	56.21	Degrees API			MM	4/18/2005
691	Density @ 60 deg F D4052	0.75307	g/cm-03 @ 60 deg F			MM	4/18/2005
101	Initial Boiling Point D86	102.9	Degrees F			MM	4/25/2005
110	10 Percent D86	140.4	Degrees F			MM	4/25/2005
150	50 Percent D86	223.3	Degrees F			MM	4/25/2005
190	90 Percent D86	349.5	Degrees F			MM	4/25/2005
200	End Point D86	436.5	Degrees F			MM	4/25/2005
201	Residue D86	0.7	mL			MM	4/25/2005
202	Total Recovery D86	98.2	mL			MM	4/25/2005
203	Loss D86	1.1	mL			MM	4/25/2005
543	Methanol by D5599	0.00	Volume Percent			TS	4/14/2005

02-Nov-05

NVFEL Fuel Analysis Report

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584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/14/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/14/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/14/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/14/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/14/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

#84601 R2

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13843 Comments: 757; 2-28-05; bottle & label damp with gasoline
52187(Ks)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	4/14/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/14/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/14/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/14/2005
421	Sulfur in Gasoline D2622	129	Parts Per Million		NST	8/24/2005
62	Vapor Pressure by D5191 (Modified)	12.2	PS I		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	51	Volume Percent		MM	4/25/2005
66	Percent Evaporated at 300 Degrees F D86	82.7	Volume Percent		MM	4/25/2005
48	Aromatics in Gasoline MSD D5769	25.53	Volume Percent		TW	10/6/2005
49	Olefins in by FIA D1319	10.3	Volume Percent		MM	8/8/2005
64	Benzene in Gasoline D3606	1.07	Volume Percent		TW	8/29/2005
64	Benzene in Gasoline D3606	1.07	Volume Percent		TW	8/29/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/14/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/14/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/14/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/14/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/14/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/14/2005
46	Aromatics by FIA D1319	25.9	Volume Percent		MM	8/8/2005
63	Benzene in Gasoline by GC/MSD D5769	1.06	Volume Percent		TW	10/6/2005
630	Toluene in gasoline by MSD D5769	5.37	Volume Percent		TW	10/6/2005
69	Specific Gravity @ 60 deg F D4052	0.73348	60/60F		MM	4/18/2005
692	Degrees API D4052	61.42	Degrees API		MM	4/18/2005
691	Density @ 60 deg F D4052	0.73275	g/cm-03 @ 60 deg F		MM	4/18/2005
101	Initial Boiling Point D86	83.5	Degrees F		MM	4/25/2005
110	10 Percent D86	106.9	Degrees F		MM	4/25/2005
150	50 Percent D86	197.1	Degrees F		MM	4/25/2005
190	90 Percent D86	331.7	Degrees F		MM	4/25/2005
200	End Point D86	412.9	Degrees F		MM	4/25/2005
201	Residue D86	0.8	mL		MM	4/25/2005
202	Total Recovery D86	97.3	mL		MM	4/25/2005
203	Loss D86	1.9	mL		MM	4/25/2005
543	Methanol by D5599	0.00	Volume Percent		TS	4/14/2005

NVFEL Fuel Analysis Report**13843**

584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/14/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/14/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/14/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/14/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/14/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005

NVFEL Fuel Analysis Report

13844

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

84707 R2

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13844 Comments: 872; 3-22-05; cap loose, gasoline between bottle & liner, bottle & label damp
VYC662(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	4/14/2005
562	ETBE by D5599	0.00	Oxy Percent			TS	4/14/2005
534	Ethanol by D5599	0.00	Oxy Percent			TS	4/14/2005
572	TAME by D5599	0.00	Oxy Percent			TS	4/14/2005
421	Sulfur in Gasoline D2622	131	Parts Per Million			NST	9/7/2005
62	Vapor Pressure by D5191 (Modified)	11.33	PS I			NST	4/12/2005
62	Vapor Pressure by D5191 (Modified)	11.31	PS I			NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	50.4	Volume Percent			MM	4/25/2005
66	Percent Evaporated at 300 Degrees F D86	83.2	Volume Percent			MM	4/25/2005
48	Aromatics in Gasoline MSD D5769	24.78	Volume Percent			TW	10/28/2005
48	Aromatics in Gasoline MSD D5769	24.66	Volume Percent			TW	10/28/2005
49	Olefins in by FIA D1319	9.5	Volume Percent			MM	8/9/2005
64	Benzene in Gasoline D3606	1.13	Volume Percent			TW	8/1/2005
57	TAME by D5599	0.00	Volume Percent			TS	4/14/2005
532	Ethanol by D5599	0.00	Volume Percent			TS	4/14/2005
55	MTBE by D5599	0.00	Volume Percent			TS	4/14/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	4/14/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	4/14/2005
56	ETBE by D5599	0.00	Volume Percent			TS	4/14/2005
46	Aromatics by FIA D1319	24.7	Volume Percent			MM	8/9/2005
63	Benzene in Gasoline by GC/MSD D5769	1.11	Volume Percent			TW	10/28/2005
63	Benzene in Gasoline by GC/MSD D5769	1.11	Volume Percent			TW	10/28/2005
630	Toluene in gasoline by MSD D5769	5.39	Volume Percent			TW	10/28/2005
630	Toluene in gasoline by MSD D5769	5.36	Volume Percent			TW	10/28/2005
69	Specific Gravity @ 60 deg F D4052	0.7346	60/60F			MM	4/18/2005
692	Degrees API D4052	61.12	Degrees API			MM	4/18/2005
691	Density @ 60 deg F D4052	0.73388	g/cm-03 @ 60 deg F			MM	4/18/2005
101	Initial Boiling Point D86	83.5	Degrees F			MM	4/25/2005
110	10 Percent D86	107.5	Degrees F			MM	4/25/2005
150	50 Percent D86	198.7	Degrees F			MM	4/25/2005
190	90 Percent D86	330	Degrees F			MM	4/25/2005
200	End Point D86	422.7	Degrees F			MM	4/25/2005
201	Residue D86	0.8	mL			MM	4/25/2005

NVFEL Fuel Analysis Report

13844

202	Total Recovery	D86	96.6 mL	MM	4/25/2005
203	Loss	D86	2.6 mL	MM	4/25/2005
543	Methanol	by D5599	0.00 Volume Percent	TS	4/14/2005
584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/14/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/14/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/14/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/14/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/14/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005

NVFEL Fuel Analysis Report

13845

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

NO DYNO

U.S.

SEMTECH ONLY

Samples Type: Correlation

Inspection information logged in by MM on 4/11/2005.

VOC

Season: Winter

Kansas City Samples- FTAG: 13845 Comments: 773; 3-3-05; bottle & label damp with gasoline
TDZ932(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	4/14/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/14/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/14/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/14/2005
421	Sulfur in Gasoline D2622	128	Parts Per Million		NST	6/23/2005
62	Vapor Pressure by D5191 (Modified)	12.26	PSI		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	49.1	Volume Percent		MM	4/29/2005
66	Percent Evaporated at 300 Degrees F D86	83.4	Volume Percent		MM	4/29/2005
48	Aromatics in Gasoline MSD D5769	25.91	Volume Percent		TW	10/4/2005
49	Olefins in by FIA D1319	9.7	Volume Percent		MM	8/9/2005
64	Benzene in Gasoline D3606	1.29	Volume Percent		TW	8/11/2005
64	Benzene in Gasoline D3606	1.29	Volume Percent		TW	8/11/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/14/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/14/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/14/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/14/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/14/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/14/2005
630	Toluene in gasoline by MSD D5769	5.89	Volume Percent		TW	10/4/2005
63	Benzene in Gasoline by GC/MSD D5769	1.29	Volume Percent		TW	10/4/2005
46	Aromatics by FIA D1319	25.6	Volume Percent		MM	8/9/2005
69	Specific Gravity @ 60 deg F D4052	0.73567	60/60F		MM	4/18/2005
692	Degrees API D4052	60.84	Degrees API		MM	4/18/2005
691	Density @ 60 deg F D4052	0.73494	g/cm-03 @ 60 deg F		MM	4/18/2005
101	Initial Boiling Point D86	86	Degrees F		MM	4/29/2005
110	10 Percent D86	112.1	Degrees F		MM	4/29/2005
150	50 Percent D86	202.6	Degrees F		MM	4/29/2005
190	90 Percent D86	328.3	Degrees F		MM	4/29/2005
200	End Point D86	411.4	Degrees F		MM	4/29/2005
201	Residue D86	0.8	mL		MM	4/29/2005
202	Total Recovery D86	97.5	mL		MM	4/29/2005
203	Loss D86	1.7	mL		MM	4/29/2005
543	Methanol by D5599	0.00	Volume Percent		TS	4/14/2005

584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/14/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/14/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/14/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/14/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/14/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

84752 R2

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13846 Comments: 917; 4-2-05; cap loose & label damp with gasoline, neck chipped on bottle, tra
552HPO

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	4/14/2005
562	ETBE by D5599	0.00	Oxy Percent			TS	4/14/2005
534	Ethanol by D5599	0.00	Oxy Percent			TS	4/14/2005
572	TAME by D5599	0.00	Oxy Percent			TS	4/14/2005
421	Sulfur in Gasoline D2622	197	Parts Per Million			NST	6/23/2005
62	Vapor Pressure by D5191 (Modified)	9.18	PS I			NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	43.6	Volume Percent			MM	4/29/2005
66	Percent Evaporated at 300 Degrees F D86	82.8	Volume Percent			MM	4/29/2005
48	Aromatics in Gasoline MSD D5769	26.25	Volume Percent			TW	10/4/2005
49	Olefins in by FIA D1319	8.9	Volume Percent			MM	8/9/2005
64	Benzene in Gasoline D3606	1.29	Volume Percent			TW	8/11/2005
64	Benzene in Gasoline D3606	1.29	Volume Percent			TW	8/11/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	4/14/2005
55	MTBE by D5599	0.00	Volume Percent			TS	4/14/2005
532	Ethanol by D5599	0.00	Volume Percent			TS	4/14/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	4/14/2005
57	TAME by D5599	0.00	Volume Percent			TS	4/14/2005
56	ETBE by D5599	0.00	Volume Percent			TS	4/14/2005
630	Toluene in gasoline by MSD D5769	6	Volume Percent			TW	10/4/2005
63	Benzene in Gasoline by GC/MSD D5769	1.28	Volume Percent			TW	10/4/2005
46	Aromatics by FIA D1319	26.5	Volume Percent			MM	8/9/2005
69	Specific Gravity @ 60 deg F D4052	0.7416	60/60F			MM	4/18/2005
692	Degrees API D4052	59.3	Degrees API			MM	4/18/2005
691	Density @ 60 deg F D4052	0.74087	g/cm-03 @ 60 deg F			MM	4/18/2005
101	Initial Boiling Point D86	91	Degrees F			MM	4/29/2005
110	10 Percent D86	126.7	Degrees F			MM	4/29/2005
150	50 Percent D86	214	Degrees F			MM	4/29/2005
190	90 Percent D86	328.8	Degrees F			MM	4/29/2005
200	End Point D86	408	Degrees F			MM	4/29/2005
201	Residue D86	0.9	mL			MM	4/29/2005
202	Total Recovery D86	97.7	mL			MM	4/29/2005
203	Loss D86	1.4	mL			MM	4/29/2005
543	Methanol by D5599	0.00	Volume Percent			TS	4/14/2005

NVFEL Fuel Analysis Report

13846

584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/14/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/14/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/14/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/14/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/14/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005

NVFEL Fuel Analysis Report

13847

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

84738 R2

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13847 Comments: 910; 3-29-05; cazp loose & label damp with gasoline
SIL313(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	4/14/2005
552	MTBE by D5599	0.00	Oxy Percent		TS	4/14/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/14/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/14/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/14/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/14/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/14/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/14/2005
421	Sulfur in Gasoline D2622	143	Parts Per Million		NST	6/23/2005
62	Vapor Pressure by D5191 (Modified)	11.02	PS I		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	50	Volume Percent		MM	4/29/2005
66	Percent Evaporated at 300 Degrees F D86	83.6	Volume Percent		MM	4/29/2005
48	Aromatics in Gasoline MSD D5769	22.72	Volume Percent		TW	10/4/2005
49	Olefins in by FIA D1319	11.7	Volume Percent		MM	8/9/2005
64	Benzene in Gasoline D3606	1.05	Volume Percent		TW	8/11/2005
64	Benzene in Gasoline D3606	1.05	Volume Percent		TW	8/11/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/14/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/14/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/14/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/14/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/14/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/14/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/14/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/14/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/14/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/14/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/14/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/14/2005
46	Aromatics by FIA D1319	23.9	Volume Percent		MM	8/9/2005
63	Benzene in Gasoline by GC/MSD D5769	1.05	Volume Percent		TW	10/4/2005
630	Toluene in gasoline by MSD D5769	5.21	Volume Percent		TW	10/4/2005
69	Specific Gravity @ 60 deg F D4052	0.73319	60/60F		MM	4/18/2005
692	Degrees API D4052	61.49	Degrees API		MM	4/18/2005

NVFEL Fuel Analysis Report

13847

691	Density @ 60 deg F	D4052	0.73246 g/cm-03 @ 60 deg F	MM	4/18/2005
101	Initial Boiling Point	D86	83.6 Degrees F	MM	4/29/2005
110	10 Percent	D86	111.4 Degrees F	MM	4/29/2005
150	50 Percent	D86	200 Degrees F	MM	4/29/2005
190	90 Percent	D86	329.8 Degrees F	MM	4/29/2005
200	End Point	D86	419 Degrees F	MM	4/29/2005
201	Residue	D86	0.9 mL	MM	4/29/2005
202	Total Recovery	D86	96.8 mL	MM	4/29/2005
203	Loss	D86	2.3 mL	MM	4/29/2005
543	Methanol	by D5599	0.00 Volume Percent	TS	4/14/2005
543	Methanol	by D5599	0.00 Volume Percent	TS	4/14/2005
584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/14/2005
584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/14/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/14/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/14/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/14/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/14/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/14/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/14/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/14/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/14/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

84627 R 2

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13848 Comments: 776; 3-4-05; bottle & label damp with gasoline
813NSI(Mo)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	4/18/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/18/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/18/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/18/2005
421	Sulfur in Gasoline D2622	121	Parts Per Million		NST	6/23/2005
62	Vapor Pressure by D5191 (Modified)	11.56	PSI		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	48.3	Volume Percent		MM	4/29/2005
66	Percent Evaporated at 300 Degrees F D86	83.3	Volume Percent		MM	4/29/2005
48	Aromatics in Gasoline MSD D5769	22.2	Volume Percent		TW	10/4/2005
49	Olefins in by FIA D1319	7.2	Volume Percent		MM	8/9/2005
64	Benzene in Gasoline D3606	0.82	Volume Percent		TW	8/11/2005
64	Benzene in Gasoline D3606	0.82	Volume Percent		TW	8/11/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/18/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/18/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/18/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/18/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/18/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/18/2005
630	Toluene in gasoline by MSD D5769	4.58	Volume Percent		TW	10/4/2005
63	Benzene in Gasoline by GC/MSD D5769	0.81	Volume Percent		TW	10/4/2005
46	Aromatics by FIA D1319	22.3	Volume Percent		MM	8/9/2005
69	Specific Gravity @ 60 deg F D4052	0.73228	60/60F		MM	4/18/2005
692	Degrees API D4052	61.73	Degrees API		MM	4/18/2005
691	Density @ 60 deg F D4052	0.73155	g/cm-03 @ 60 deg F		MM	4/18/2005
101	Initial Boiling Point D86	85.5	Degrees F		MM	4/29/2005
110	10 Percent D86	112.6	Degrees F		MM	4/29/2005
150	50 Percent D86	203.9	Degrees F		MM	4/29/2005
190	90 Percent D86	331.7	Degrees F		MM	4/29/2005
200	End Point D86	426.4	Degrees F		MM	4/29/2005
201	Residue D86	0.7	mL		MM	4/29/2005
202	Total Recovery D86	97.6	mL		MM	4/29/2005
203	Loss D86	1.7	mL		MM	4/29/2005
543	Methanol by D5599	0.00	Volume Percent		TS	4/18/2005

584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/18/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/18/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/18/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/18/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/18/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/18/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/18/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/18/2005

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

84754 R2

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13849 Comments: 506; 4-4-05; cap very loose, label & bottle damp with gasoline
637DER(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	4/18/2005
562	ETBE by D5599	0.00	Oxy Percent			TS	4/18/2005
534	Ethanol by D5599	0.00	Oxy Percent			TS	4/18/2005
572	TAME by D5599	0.00	Oxy Percent			TS	4/18/2005
421	Sulfur in Gasoline D2622	173	Parts Per Million			NST	6/23/2005
62	Vapor Pressure by D5191 (Modified)	11.15	PS I			NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	49.5	Volume Percent			MM	4/29/2005
66	Percent Evaporated at 300 Degrees F D86	84.4	Volume Percent			MM	4/29/2005
48	Aromatics in Gasoline MSD D5769	23.88	Volume Percent			TW	10/4/2005
49	Olefins in by FIA D1319	8.9	Volume Percent			MM	8/9/2005
64	Benzene in Gasoline D3606	1.17	Volume Percent			TW	8/9/2005
64	Benzene in Gasoline D3606	1.17	Volume Percent			TW	8/9/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	4/18/2005
55	MTBE by D5599	0.00	Volume Percent			TS	4/18/2005
532	Ethanol by D5599	0.00	Volume Percent			TS	4/18/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	4/18/2005
57	TAME by D5599	0.00	Volume Percent			TS	4/18/2005
56	ETBE by D5599	0.00	Volume Percent			TS	4/18/2005
630	Toluene in gasoline by MSD D5769	5.27	Volume Percent			TW	10/4/2005
63	Benzene in Gasoline by GC/MSD D5769	1.15	Volume Percent			TW	10/4/2005
46	Aromatics by FIA D1319	23.2	Volume Percent			MM	8/9/2005
69	Specific Gravity @ 60 deg F D4052	0.73312	60/60F			MM	4/18/2005
692	Degrees API D4052	61.51	Degrees API			MM	4/18/2005
691	Density @ 60 deg F D4052	0.73239	g/cm-03 @ 60 deg F			MM	4/18/2005
101	Initial Boiling Point D86	87.6	Degrees F			MM	4/29/2005
110	10 Percent D86	113.5	Degrees F			MM	4/29/2005
150	50 Percent D86	201.2	Degrees F			MM	4/29/2005
190	90 Percent D86	324.9	Degrees F			MM	4/29/2005
200	End Point D86	411.6	Degrees F			MM	4/29/2005
201	Residue D86	0.8	mL			MM	4/29/2005
202	Total Recovery D86	97.8	mL			MM	4/29/2005
203	Loss D86	1.4	mL			MM	4/29/2005
543	Methanol by D5599	0.00	Volume Percent			TS	4/18/2005

02-Nov-05

NVFEL Fuel Analysis Report

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584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/18/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/18/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/18/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/18/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/18/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/18/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/18/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/18/2005

NVFEL Fuel Analysis Report

13850

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

84485 R2

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13850 Comments: 623; 1-31-05; cap loose - bottle & label damp with gasoline
VVJ245(Ks)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	4/18/2005
552	MTBE by D5599	0.00	Oxy Percent		TS	4/18/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/18/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/18/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/18/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/18/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/18/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/18/2005
421	Sulfur in Gasoline D2622	84	Parts Per Million		NST	6/23/2005
62	Vapor Pressure by D5191 (Modified)	12.24	PSI		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	43.3	Volume Percent		MM	4/29/2005
66	Percent Evaporated at 300 Degrees F D86	84.4	Volume Percent		MM	4/29/2005
48	Aromatics in Gasoline MSD D5769	27.15	Volume Percent		TW	10/4/2005
49	Olefins in by FIA D1319	5	Volume Percent		MM	8/11/2005
64	Benzene in Gasoline D3606	0.73	Volume Percent		TW	8/11/2005
64	Benzene in Gasoline D3606	0.73	Volume Percent		TW	8/11/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/18/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/18/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/18/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/18/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/18/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/18/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/18/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/18/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/18/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/18/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/18/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/18/2005
46	Aromatics by FIA D1319	25.5	Volume Percent		MM	8/11/2005
63	Benzene in Gasoline by GC/MSD D5769	0.73	Volume Percent		TW	10/4/2005
630	Toluene in gasoline by MSD D5769	7.07	Volume Percent		TW	10/4/2005
69	Specific Gravity @ 60 deg F D4052	0.73377	60/60F		MM	4/18/2005
692	Degrees API D4052	61.34	Degrees API		MM	4/18/2005

NVFEL Fuel Analysis Report

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691	Density @ 60 deg F	D4052	0.73305 g/cm-03 @ 60 deg F	MM	4/18/2005
101	Initial Boiling Point	D86	83.3 Degrees F	MM	4/29/2005
110	10 Percent	D86	107.8 Degrees F	MM	4/29/2005
150	50 Percent	D86	219.2 Degrees F	MM	4/29/2005
190	90 Percent	D86	323.4 Degrees F	MM	4/29/2005
200	End Point	D86	409.3 Degrees F	MM	4/29/2005
201	Residue	D86	0.7 mL	MM	4/29/2005
202	Total Recovery	D86	97.3 mL	MM	4/29/2005
203	Loss	D86	2 mL	MM	4/29/2005
543	Methanol	by D5599	0.00 Volume Percent	TS	4/18/2005
543	Methanol	by D5599	0.00 Volume Percent	TS	4/18/2005
584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/18/2005
584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/18/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/18/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/18/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/18/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/18/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/18/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/18/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/18/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/18/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/18/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/18/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/18/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/18/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/18/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/18/2005

NVFEL Fuel Analysis Report

13851

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

R1.5

Samples Type: Correlation

Inspection information logged in by MM on 4/11/2005.

VOC

Season: Winter

Kansas City Samples-
UMK459(Ks)

FTAG: 13851

Comments: 741; 2-24-05; bottle & label damp with gasoline

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	4/21/2005
552	MTBE by D5599	0.00	Oxy Percent		TS	4/21/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/21/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/21/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/21/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/21/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/21/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/21/2005
421	Sulfur in Gasoline D2622	166	Parts Per Million		NST	6/23/2005
421	Sulfur in Gasoline D2622	168	Parts Per Million		NST	6/23/2005
62	Vapor Pressure by D5191 (Modified)	13.01	PS I		NST	4/12/2005
62	Vapor Pressure by D5191 (Modified)	13.01	PS I		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	51	Volume Percent		MM	4/29/2005
66	Percent Evaporated at 300 Degrees F D86	84.7	Volume Percent		MM	4/29/2005
48	Aromatics in Gasoline MSD D5769	23.35	Volume Percent		TW	10/4/2005
49	Olefins in by FIA D1319	9.3	Volume Percent		MM	8/11/2005
64	Benzene in Gasoline D3606	1.13	Volume Percent		TW	8/11/2005
64	Benzene in Gasoline D3606	1.13	Volume Percent		TW	8/11/2005
64	Benzene in Gasoline D3606	1.13	Volume Percent		TW	8/11/2005
64	Benzene in Gasoline D3606	1.13	Volume Percent		TW	8/11/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/21/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/21/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/21/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/21/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/21/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/21/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/21/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/21/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/21/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/21/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/21/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/21/2005
630	Toluene in gasoline by MSD D5769	5.5	Volume Percent		TW	10/4/2005

NVFEL Fuel Analysis Report

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46	Aromatics by FIA D1319	23.3 Volume Percent	MM	8/11/2005
63	Benzene in Gasoline by GC/MSD D5769	1.12 Volume Percent	TW	10/4/2005
69	Specific Gravity @ 60 deg F D4052	0.72948 60/60F	MM	4/18/2005
69	Specific Gravity @ 60 deg F D4052	0.72946 60/60F	MM	4/18/2005
692	Degrees API D4052	62.47 Degrees API	MM	4/18/2005
692	Degrees API D4052	62.48 Degrees API	MM	4/18/2005
691	Density @ 60 deg F D4052	0.72874 g/cm-03 @ 60 deg F	MM	4/18/2005
691	Density @ 60 deg F D4052	0.72876 g/cm-03 @ 60 deg F	MM	4/18/2005
101	Initial Boiling Point D86	80.7 Degrees F	MM	4/29/2005
110	10 Percent D86	101.5 Degrees F	MM	4/29/2005
150	50 Percent D86	197.7 Degrees F	MM	4/29/2005
190	90 Percent D86	324.7 Degrees F	MM	4/29/2005
200	End Point D86	411.8 Degrees F	MM	4/29/2005
201	Residue D86	0.8 mL	MM	4/29/2005
202	Total Recovery D86	96.2 mL	MM	4/29/2005
203	Loss D86	3 mL	MM	4/29/2005
543	Methanol by D5599	0.00 Volume Percent	TS	4/21/2005
543	Methanol by D5599	0.00 Volume Percent	TS	4/21/2005
584	Isopropanol by D5599	0.00 Volume Percent	TS	4/21/2005
584	Isopropanol by D5599	0.00 Volume Percent	TS	4/21/2005
585	t-Butanol by D5599	0.00 Volume Percent	TS	4/21/2005
585	t-Butanol by D5599	0.00 Volume Percent	TS	4/21/2005
586	n-Propanol by D5599	0.00 Volume Percent	TS	4/21/2005
586	n-Propanol by D5599	0.00 Volume Percent	TS	4/21/2005
587	sec-Butanol by D5599	0.00 Volume Percent	TS	4/21/2005
587	sec-Butanol by D5599	0.00 Volume Percent	TS	4/21/2005
588	DIPE by D5599	0.00 Volume Percent	TS	4/21/2005
588	DIPE by D5599	0.00 Volume Percent	TS	4/21/2005
589	Isobutanol by D5599	0.00 Volume Percent	TS	4/21/2005
589	Isobutanol by D5599	0.00 Volume Percent	TS	4/21/2005
5801	t-Amyl Alcohol by D5599	0.00 Volume Percent	TS	4/21/2005
5801	t-Amyl Alcohol by D5599	0.00 Volume Percent	TS	4/21/2005
5802	n-Butanol by D5599	0.00 Volume Percent	TS	4/21/2005
5802	n-Butanol by D5599	0.00 Volume Percent	TS	4/21/2005

NVFEL Fuel Analysis Report

13839

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

236F2J

84334 121

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13839 Comments: #355; 9-21-04; cap very loose, bottle and label damp with gasoline, label parti
230FZJ(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	4/14/2005
562	ETBE by D5599	0.00	Oxy Percent			TS	4/14/2005
534	Ethanol by D5599	0.00	Oxy Percent			TS	4/14/2005
572	TAME by D5599	0.00	Oxy Percent			TS	4/14/2005
421	Sulfur in Gasoline D2622	149	Parts Per Million			NST	8/24/2005
62	Vapor Pressure by D5191 (Modified)	7.21	PSI			NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	38.5	Volume Percent			MM	4/25/2005
66	Percent Evaporated at 300 Degrees F D86	80.5	Volume Percent			MM	4/25/2005
48	Aromatics in Gasoline MSD D5769	32.61	Volume Percent			TW	11/8/2005
49	Olefins in by FIA D1319	8.9	Volume Percent			MM	8/8/2005
64	Benzene in Gasoline D3606	1.63	Volume Percent			TW	8/24/2005
532	Ethanol by D5599	0.00	Volume Percent			TS	4/14/2005
57	TAME by D5599	0.00	Volume Percent			TS	4/14/2005
55	MTBE by D5599	0.00	Volume Percent			TS	4/14/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	4/14/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	4/14/2005
56	ETBE by D5599	0.00	Volume Percent			TS	4/14/2005
630	Toluene in gasoline by MSD D5769	7.39	Volume Percent			TW	11/8/2005
63	Benzene in Gasoline by GC/MSD D5769	1.61	Volume Percent			TW	11/8/2005
46	Aromatics by FIA D1319	33	Volume Percent			MM	8/8/2005
69	Specific Gravity @ 60 deg F D4052	0.75546	60/60F			MM	4/18/2005
692	Degrees API D4052	55.8	Degrees API			MM	4/18/2005
691	Density @ 60 deg F D4052	0.75471	g/cm-03 @ 60 deg F			MM	4/18/2005
101	Initial Boiling Point D86	101.5	Degrees F			MM	4/25/2005
110	10 Percent D86	140.9	Degrees F			MM	4/25/2005
150	50 Percent D86	224.6	Degrees F			MM	4/25/2005
190	90 Percent D86	334.2	Degrees F			MM	4/25/2005
200	End Point D86	417.9	Degrees F			MM	4/25/2005
201	Residue D86	0.9	mL			MM	4/25/2005
202	Total Recovery D86	98	mL			MM	4/25/2005
203	Loss D86	1.1	mL			MM	4/25/2005
543	Methanol by D5599	0.00	Volume Percent			TS	4/14/2005
584	Isopropanol by D5599	0.00	Volume Percent			TS	4/14/2005

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585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/14/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/14/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/14/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/14/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005

NVFEL Fuel Analysis Report

13833

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

84420 R2
 R1 Retest (84151)

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 4/11/2005.

VOC

Season: Winter

 Kansas City Samples- FTAG: 13833 Comments: 556; 1-17-05
 QHM049

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	4/13/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/13/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/13/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/13/2005
421	Sulfur in Gasoline D2622	373	Parts Per Million		NST	8/24/2005
62	Vapor Pressure by D5191 (Modified)	14.24	PS I		NST	4/12/2005
62	Vapor Pressure by D5191 (Modified)	14.24	PS I		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	50.4	Volume Percent		MM	4/25/2005
66	Percent Evaporated at 300 Degrees F D86	85.2	Volume Percent		MM	4/25/2005
48	Aromatics in Gasoline MSD D5769	22.58	Volume Percent		TW	11/8/2005
48	Aromatics in Gasoline MSD D5769	22.57	Volume Percent		TW	11/8/2005
49	Olefins in by FIA D1319	10.2	Volume Percent		MM	7/29/2005
64	Benzene in Gasoline D3606	1.27	Volume Percent		TW	8/24/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/13/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/13/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/13/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/13/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/13/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/13/2005
46	Aromatics by FIA D1319	22.3	Volume Percent		MM	7/29/2005
63	Benzene in Gasoline by GC/MSD D5769	1.25	Volume Percent		TW	11/8/2005
63	Benzene in Gasoline by GC/MSD D5769	1.25	Volume Percent		TW	11/8/2005
630	Toluene in gasoline by MSD D5769	5.14	Volume Percent		TW	11/8/2005
630	Toluene in gasoline by MSD D5769	5.1	Volume Percent		TW	11/8/2005
69	Specific Gravity @ 60 deg F D4052	0.72724	60/60F		MM	4/18/2005
692	Degrees API D4052	63.07	Degrees API		MM	4/18/2005
691	Density @ 60 deg F D4052	0.72652	g/cm-03 @ 60 deg F		MM	4/18/2005
101	Initial Boiling Point D86	81	Degrees F		MM	4/25/2005
110	10 Percent D86	99.5	Degrees F		MM	4/25/2005
150	50 Percent D86	199.2	Degrees F		MM	4/25/2005
190	90 Percent D86	318.4	Degrees F		MM	4/25/2005
200	End Point D86	402.6	Degrees F		MM	4/25/2005
201	Residue D86	0.8	mL		MM	4/25/2005

09-Nov-05

NVFEL Fuel Analysis Report

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202	Total Recovery	D86	96.8 mL	MM	4/25/2005
203	Loss	D86	2.4 mL	MM	4/25/2005
543	Methanol	by D5599	0.00 Volume Percent	TS	4/13/2005
584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/13/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/13/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/13/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/13/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/13/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005

NVFEL Fuel Analysis Report

13837

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

Retest # 84349

U.S.

84444 R2

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples-
612GLS(Mo)

FTAG: 13837

Comments: 582; 1-21-05; bottle, label and overpack damp with gasoline

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	4/13/2005
552	MTBE by D5599	0.00	Oxy Percent		TS	4/13/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/13/2005
562	ETBE by D5599	0.00	Oxy Percent		TS	4/13/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/13/2005
534	Ethanol by D5599	0.00	Oxy Percent		TS	4/13/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/13/2005
572	TAME by D5599	0.00	Oxy Percent		TS	4/13/2005
421	Sulfur in Gasoline D2622	351	Parts Per Million		NST	8/24/2005
62	Vapor Pressure by D5191 (Modified)	14.16	PSI		NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	52	Volume Percent		MM	4/25/2005
66	Percent Evaporated at 300 Degrees F D86	85.9	Volume Percent		MM	4/25/2005
48	Aromatics in Gasoline MSD D5769	22.69	Volume Percent		TW	11/8/2005
49	Olefins in by FIA D1319	9.4	Volume Percent		MM	7/29/2005
64	Benzene in Gasoline D3606	1.39	Volume Percent		TW	8/24/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/13/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/13/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	4/13/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/13/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/13/2005
57	TAME by D5599	0.00	Volume Percent		TS	4/13/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/13/2005
55	MTBE by D5599	0.00	Volume Percent		TS	4/13/2005
532	Ethanol by D5599	0.00	Volume Percent		TS	4/13/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	4/13/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/13/2005
56	ETBE by D5599	0.00	Volume Percent		TS	4/13/2005
46	Aromatics by FIA D1319	21.9	Volume Percent		MM	7/29/2005
63	Benzene in Gasoline by GC/MSD D5769	1.36	Volume Percent		TW	11/8/2005
630	Toluene in gasoline by MSD D5769	5.26	Volume Percent		TW	11/8/2005
69	Specific Gravity @ 60 deg F D4052	0.72622	60/60F		MM	4/18/2005
692	Degrees API D4052	63.34	Degrees API		MM	4/18/2005
691	Density @ 60 deg F D4052	0.7255	g/cm-03 @ 60 deg F		MM	4/18/2005

NVFEL Fuel Analysis Report

13837

101	Initial Boiling Point	D86	83.7 Degrees F	MM	4/25/2005
110	10 Percent	D86	99.5 Degrees F	MM	4/25/2005
150	50 Percent	D86	195.1 Degrees F	MM	4/25/2005
190	90 Percent	D86	318.9 Degrees F	MM	4/25/2005
200	End Point	D86	405 Degrees F	MM	4/25/2005
201	Residue	D86	0.8 mL	MM	4/25/2005
202	Total Recovery	D86	96.7 mL	MM	4/25/2005
203	Loss	D86	2.5 mL	MM	4/25/2005
543	Methanol	by D5599	0.00 Volume Percent	TS	4/13/2005
543	Methanol	by D5599	0.00 Volume Percent	TS	4/13/2005
584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/13/2005
584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/13/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/13/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/13/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/13/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/13/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/13/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/13/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/13/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/13/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/13/2005

NVFEL Fuel Analysis Report

13840

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

H 84277 R1

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 4/11/2005.

Season: Winter

Kansas City Samples- FTAG: 13840 Comments: 308; 9-10-04; cap loose
VMI391(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	4/14/2005
562	ETBE by D5599	0.00	Oxy Percent			TS	4/14/2005
534	Ethanol by D5599	0.00	Oxy Percent			TS	4/14/2005
572	TAME by D5599	0.00	Oxy Percent			TS	4/14/2005
421	Sulfur in Gasoline D2622	174	Parts Per Million			NST	8/24/2005
62	Vapor Pressure by D5191 (Modified)	6.22	PSI			NST	4/12/2005
65	Percent Evaporated at 200 Degrees F D86	36.7	Volume Percent			MM	4/25/2005
66	Percent Evaporated at 300 Degrees F D86	80.8	Volume Percent			MM	4/25/2005
48	Aromatics in Gasoline MSD D5769	34.83	Volume Percent			TW	11/8/2005
49	Olefins in by FIA D1319	7.7	Volume Percent			MM	8/8/2005
64	Benzene in Gasoline D3606	2.01	Volume Percent			TW	8/24/2005
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	4/14/2005
57	TAME by D5599	0.00	Volume Percent			TS	4/14/2005
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	4/14/2005
532	Ethanol by D5599	0.00	Volume Percent			TS	4/14/2005
55	MTBE by D5599	0.00	Volume Percent			TS	4/14/2005
56	ETBE by D5599	0.00	Volume Percent			TS	4/14/2005
63	Benzene in Gasoline by GC/MSD D5769	1.97	Volume Percent			TW	11/8/2005
630	Toluene in gasoline by MSD D5769	8.13	Volume Percent			TW	11/8/2005
46	Aromatics by FIA D1319	35.7	Volume Percent			MM	8/8/2005
69	Specific Gravity @ 60 deg F D4052	0.76029	60/60F			MM	4/18/2005
69	Specific Gravity @ 60 deg F D4052	0.76026	60/60F			MM	4/18/2005
692	Degrees API D4052	54.62	Degrees API			MM	4/18/2005
692	Degrees API D4052	54.61	Degrees API			MM	4/18/2005
691	Density @ 60 deg F D4052	0.75951	g/cm-03 @ 60 deg F			MM	4/18/2005
691	Density @ 60 deg F D4052	0.75954	g/cm-03 @ 60 deg F			MM	4/18/2005
101	Initial Boiling Point D86	99.1	Degrees F			MM	4/25/2005
110	10 Percent D86	146.1	Degrees F			MM	4/25/2005
150	50 Percent D86	227.3	Degrees F			MM	4/25/2005
190	90 Percent D86	331.3	Degrees F			MM	4/25/2005
200	End Point D86	417.8	Degrees F			MM	4/25/2005
201	Residue D86	0.8	mL			MM	4/25/2005
202	Total Recovery D86	97.6	mL			MM	4/25/2005

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NVFEL Fuel Analysis Report

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203	Loss	D86	1.6 mL	MM	4/25/2005
543	Methanol	by D5599	0.00 Volume Percent	TS	4/14/2005
584	Isopropanol	by D5599	0.00 Volume Percent	TS	4/14/2005
585	t-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
586	n-Propanol	by D5599	0.00 Volume Percent	TS	4/14/2005
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005
588	DIPE	by D5599	0.00 Volume Percent	TS	4/14/2005
589	Isobutanol	by D5599	0.00 Volume Percent	TS	4/14/2005
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	4/14/2005
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	4/14/2005

NVFEL Fuel Analysis Report

14276

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 11/23/05.

Season: Winter

Kansas City Samples- FTAG: 14276 Comments: 782; 3-5-05
891LAC(Mo)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/5/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/5/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/5/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/5/05
421	Sulfur in Gasoline D2622	119	Parts Per Million		NST	3/2/06
62	Vapor Pressure by D5191 (Modified)	12.59	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	53.3	Volume Percent		MM	11/28/05
66	Percent Evaporated at 300 Degrees F D86	85.6	Volume Percent		MM	11/28/05
48	Aromatics in Gasoline MSD D5769	22.63	Volume Percent		TW	12/17/05
49	Olefins in by FIA D1319	7.8	Volume Percent		MM	11/28/05
64	Benzene in Gasoline D3606	1.17	Volume Percent		TW	12/6/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/5/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/5/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/5/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/5/05
57	TAME by D5599	0.00	Volume Percent		TS	12/5/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/5/05
630	Toluene in gasoline by MSD D5769	5.26	Volume Percent		TW	12/17/05
63	Benzene in Gasoline by GC/MSD D5769	1.11	Volume Percent		TW	12/17/05
46	Aromatics by FIA D1319	21.8	Volume Percent		MM	11/28/05
69	Specific Gravity @ 60 deg F D4052	0.72652	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.72653	60/60F		MM	11/25/05
692	Degrees API D4052	63.26	Degrees API		MM	11/25/05
692	Degrees API D4052	63.26	Degrees API		MM	11/25/05
691	Density @ 60 deg F D4052	0.7258	g/cm-03 @ 60 deg F		MM	11/25/05
691	Density @ 60 deg F D4052	0.72581	g/cm-03 @ 60 deg F		MM	11/25/05
101	Initial Boiling Point D86	81.9	Degrees F		MM	11/28/05
110	10 Percent D86	104.5	Degrees F		MM	11/28/05
150	50 Percent D86	192.1	Degrees F		MM	11/28/05
190	90 Percent D86	322.5	Degrees F		MM	11/28/05
200	End Point D86	414	Degrees F		MM	11/28/05
201	Residue D86	0.9	mL		MM	11/28/05
202	Total Recovery D86	96.8	mL		MM	11/28/05

NVFEL Fuel Analysis Report

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203	Loss	D86	2.3 mL	MM	11/28/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/5/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/5/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/5/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/5/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/5/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/5/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05

NVFEL Fuel Analysis Report

14277

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 11/23/05.

Season: Winter

Kansas City Samples- FTAG: 14277 Comments: 299; 9-9-04
 218KZS(Mo)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/5/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/5/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/5/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/5/05
421	Sulfur in Gasoline D2622	13	Parts Per Million		NST	3/2/06
62	Vapor Pressure by D5191 (Modified)	6.38	PSI		MM	11/25/05
62	Vapor Pressure by D5191 (Modified)	6.38	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	29.1	Volume Percent		MM	11/28/05
66	Percent Evaporated at 300 Degrees F D86	85.7	Volume Percent		MM	11/28/05
48	Aromatics in Gasoline MSD D5769	27.74	Volume Percent		TW	12/17/05
49	Olefins in by FIA D1319	2.1	Volume Percent		MM	11/28/05
64	Benzene in Gasoline D3606	1.71	Volume Percent		TW	12/6/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/5/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/5/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/5/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/5/05
57	TAME by D5599	0.00	Volume Percent		TS	12/5/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/5/05
630	Toluene in gasoline by MSD D5769	8.31	Volume Percent		TW	12/17/05
46	Aromatics by FIA D1319	27.2	Volume Percent		MM	11/28/05
63	Benzene in Gasoline by GC/MSD D5769	1.65	Volume Percent		TW	12/17/05
69	Specific Gravity @ 60 deg F D4052	0.74496	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.74504	60/60F		MM	11/25/05
692	Degrees API D4052	58.44	Degrees API		MM	11/25/05
692	Degrees API D4052	58.42	Degrees API		MM	11/25/05
691	Density @ 60 deg F D4052	0.74423	g/cm-03 @ 60 deg F		MM	11/25/05
691	Density @ 60 deg F D4052	0.74431	g/cm-03 @ 60 deg F		MM	11/25/05
101	Initial Boiling Point D86	98.9	Degrees F		MM	11/28/05
110	10 Percent D86	154.8	Degrees F		MM	11/28/05
150	50 Percent D86	227.2	Degrees F		MM	11/28/05
190	90 Percent D86	318.9	Degrees F		MM	11/28/05
200	End Point D86	401.9	Degrees F		MM	11/28/05
201	Residue D86	0.9	mL		MM	11/28/05

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202	Total Recovery	D86	97.5 mL	MM	11/28/05
203	Loss	D86	1.6 mL	MM	11/28/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/5/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/5/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/5/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/5/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/5/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/5/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05

NVFEL Fuel Analysis Report

14278

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 11/23/05.

Season: Winter

Kansas City Samples- FTAG: 14278 Comments: 725; 2-22-05
202GMB(Mo)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/5/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/5/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/5/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/5/05
421	Sulfur in Gasoline D2622	195	Parts Per Million		NST	3/2/06
62	Vapor Pressure by D5191 (Modified)	12.71	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	50.4	Volume Percent		MM	11/28/05
66	Percent Evaporated at 300 Degrees F D86	84.7	Volume Percent		MM	11/28/05
48	Aromatics in Gasoline MSD D5769	23.18	Volume Percent		TW	12/17/05
48	Aromatics in Gasoline MSD D5769	23.22	Volume Percent		TW	12/17/05
49	Olefins in by FIA D1319	9.4	Volume Percent		MM	11/28/05
64	Benzene in Gasoline D3606	1.19	Volume Percent		TW	12/6/05
64	Benzene in Gasoline D3606	1.21	Volume Percent		TW	12/6/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/5/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/5/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/5/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/5/05
57	TAME by D5599	0.00	Volume Percent		TS	12/5/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/5/05
46	Aromatics by FIA D1319	22.4	Volume Percent		MM	11/28/05
630	Toluene in gasoline by MSD D5769	5.65	Volume Percent		TW	12/17/05
630	Toluene in gasoline by MSD D5769	5.64	Volume Percent		TW	12/17/05
63	Benzene in Gasoline by GC/MSD D5769	1.14	Volume Percent		TW	12/17/05
63	Benzene in Gasoline by GC/MSD D5769	1.14	Volume Percent		TW	12/17/05
69	Specific Gravity @ 60 deg F D4052	0.7288	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.72875	60/60F		MM	11/25/05
692	Degrees API D4052	62.67	Degrees API		MM	11/25/05
692	Degrees API D4052	62.66	Degrees API		MM	11/25/05
691	Density @ 60 deg F D4052	0.72808	g/cm-03 @ 60 deg F		MM	11/25/05
691	Density @ 60 deg F D4052	0.72803	g/cm-03 @ 60 deg F		MM	11/25/05
101	Initial Boiling Point D86	82.8	Degrees F		MM	11/28/05
110	10 Percent D86	103.4	Degrees F		MM	11/28/05
150	50 Percent D86	198.7	Degrees F		MM	11/28/05

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190	90 Percent	D86	321.7 Degrees F	MM	11/28/05
200	End Point	D86	406.7 Degrees F	MM	11/28/05
201	Residue	D86	0.9 mL	MM	11/28/05
202	Total Recovery	D86	96.7 mL	MM	11/28/05
203	Loss	D86	2.4 mL	MM	11/28/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/5/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/5/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/5/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/5/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/5/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/5/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05

NVFEL Fuel Analysis Report

14279

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 11/23/05.

Season: Winter

Kansas City Samples- FTAG: 14279 Comments: 736; 2-24-05
601NZR(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/5/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/5/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/5/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/5/05
421	Sulfur in Gasoline D2622	230	Parts Per Million		NST	3/6/06
62	Vapor Pressure by D5191 (Modified)	12.4	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	51.8	Volume Percent		MM	11/28/05
66	Percent Evaporated at 300 Degrees F D86	84.8	Volume Percent		MM	11/28/05
48	Aromatics in Gasoline MSD D5769	24.09	Volume Percent		TW	12/21/05
49	Olefins in by FIA D1319	9.7	Volume Percent		MM	12/1/05
64	Benzene in Gasoline D3606	1.02	Volume Percent		TW	12/20/05
64	Benzene in Gasoline D3606	1.02	Volume Percent		TW	12/20/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/5/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/5/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/5/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/5/05
57	TAME by D5599	0.00	Volume Percent		TS	12/5/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/5/05
630	Toluene in gasoline by MSD D5769	5.5	Volume Percent		TW	12/21/05
63	Benzene in Gasoline by GC/MSD D5769	0.99	Volume Percent		TW	12/21/05
46	Aromatics by FIA D1319	22.6	Volume Percent		MM	12/1/05
69	Specific Gravity @ 60 deg F D4052	0.72854	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.72855	60/60F		MM	11/25/05
692	Degrees API D4052	62.72	Degrees API		MM	11/25/05
692	Degrees API D4052	62.73	Degrees API		MM	11/25/05
691	Density @ 60 deg F D4052	0.72782	g/cm-03 @ 60 deg F		MM	11/25/05
691	Density @ 60 deg F D4052	0.72783	g/cm-03 @ 60 deg F		MM	11/25/05
101	Initial Boiling Point D86	82.6	Degrees F		MM	11/28/05
110	10 Percent D86	104.3	Degrees F		MM	11/28/05
150	50 Percent D86	195.1	Degrees F		MM	11/28/05
190	90 Percent D86	321.1	Degrees F		MM	11/28/05
200	End Point D86	408.1	Degrees F		MM	11/28/05
201	Residue D86	0.8	mL		MM	11/28/05

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202	Total Recovery	D86	96.8 mL	MM	11/28/05
203	Loss	D86	2.4 mL	MM	11/28/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/5/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/5/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/5/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/5/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/5/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/5/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05

NVFEL Fuel Analysis Report

14280

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 11/23/05.

Season: Winter

Kansas City Samples- FTAG: 14280 Comments: 618; 1-29-05
218KZS(Mo)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/5/05
552	MTBE by D5599	0.00	Oxy Percent		TS	12/5/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/5/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/5/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/5/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/5/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/5/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/5/05
421	Sulfur in Gasoline D2622	172	Parts Per Million		NST	3/6/06
62	Vapor Pressure by D5191 (Modified)	13.97	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	50.3	Volume Percent		MM	11/28/05
66	Percent Evaporated at 300 Degrees F D86	84.2	Volume Percent		MM	11/28/05
48	Aromatics in Gasoline MSD D5769	21.44	Volume Percent		TW	12/21/05
49	Olefins in by FIA D1319	10.7	Volume Percent		MM	12/1/05
64	Benzene in Gasoline D3606	0.94	Volume Percent		TW	12/20/05
64	Benzene in Gasoline D3606	0.94	Volume Percent		TW	12/20/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/5/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/5/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/5/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/5/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/5/05
57	TAME by D5599	0.00	Volume Percent		TS	12/5/05
57	TAME by D5599	0.00	Volume Percent		TS	12/5/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/5/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/5/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/5/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/5/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/5/05
46	Aromatics by FIA D1319	20.5	Volume Percent		MM	12/1/05
630	Toluene in gasoline by MSD D5769	4.85	Volume Percent		TW	12/21/05
63	Benzene in Gasoline by GC/MSD D5769	0.91	Volume Percent		TW	12/21/05
69	Specific Gravity @ 60 deg F D4052	0.72381	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.72383	60/60F		MM	11/25/05

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692	Degrees API	D4052	63.99 Degrees API	MM	11/25/05
692	Degrees API	D4052	63.99 Degrees API	MM	11/25/05
691	Density @ 60 deg F	D4052	0.72309 g/cm-03 @ 60 deg F	MM	11/25/05
691	Density @ 60 deg F	D4052	0.72312 g/cm-03 @ 60 deg F	MM	11/25/05
101	Initial Boiling Point	D86	81.1 Degrees F	MM	11/28/05
110	10 Percent	D86	98.1 Degrees F	MM	11/28/05
150	50 Percent	D86	199.2 Degrees F	MM	11/28/05
190	90 Percent	D86	328.5 Degrees F	MM	11/28/05
200	End Point	D86	424.8 Degrees F	MM	11/28/05
201	Residue	D86	0.9 mL	MM	11/28/05
202	Total Recovery	D86	96.6 mL	MM	11/28/05
203	Loss	D86	2.5 mL	MM	11/28/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/5/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/5/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/5/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/5/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/5/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/5/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/5/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/5/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/5/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/5/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/5/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/5/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/5/05

NVFEL Fuel Analysis Report

14281

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 11/23/05.

Season: Winter

Kansas City Samples- FTAG: 14281 Comments: 727; 2-22-05
 QMH404(Mo)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/6/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/6/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/6/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/6/05
421	Sulfur in Gasoline D2622	139	Parts Per Million		NST	3/6/06
62	Vapor Pressure by D5191 (Modified)	12.68	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	52	Volume Percent		MM	11/28/05
66	Percent Evaporated at 300 Degrees F D86	83	Volume Percent		MM	11/28/05
48	Aromatics in Gasoline MSD D5769	23.68	Volume Percent		TW	12/21/05
49	Olefins in by FIA D1319	13.1	Volume Percent		MM	12/1/05
64	Benzene in Gasoline D3606	1.03	Volume Percent		TW	12/20/05
64	Benzene in Gasoline D3606	1.03	Volume Percent		TW	12/20/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/6/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/6/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/6/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/6/05
57	TAME by D5599	0.00	Volume Percent		TS	12/6/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/6/05
630	Toluene in gasoline by MSD D5769	5.19	Volume Percent		TW	12/21/05
63	Benzene in Gasoline by GC/MSD D5769	0.99	Volume Percent		TW	12/21/05
46	Aromatics by FIA D1319	24	Volume Percent		MM	12/1/05
69	Specific Gravity @ 60 deg F D4052	0.72948	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.7295	60/60F		MM	11/25/05
692	Degrees API D4052	62.47	Degrees API		MM	11/25/05
692	Degrees API D4052	62.47	Degrees API		MM	11/25/05
691	Density @ 60 deg F D4052	0.72876	g/cm-03 @ 60 deg F		MM	11/25/05
691	Density @ 60 deg F D4052	0.72878	g/cm-03 @ 60 deg F		MM	11/25/05
101	Initial Boiling Point D86	84.2	Degrees F		MM	11/28/05
110	10 Percent D86	103.6	Degrees F		MM	11/28/05
150	50 Percent D86	194.4	Degrees F		MM	11/28/05
190	90 Percent D86	330.5	Degrees F		MM	11/28/05
200	End Point D86	412.9	Degrees F		MM	11/28/05
201	Residue D86	1	mL		MM	11/28/05

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202	Total Recovery	D86	96.9 mL	MM	11/28/05
203	Loss	D86	2.1 mL	MM	11/28/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/6/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/6/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/6/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/6/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/6/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/6/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05

NVFEL Fuel Analysis Report

14282

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 11/23/05.

Season: Winter

Kansas City Samples- FTAG: 14282 Comments: 632; 2-2-05
SIX770(Ks)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/6/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/6/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/6/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/6/05
421	Sulfur in Gasoline D2622	348	Parts Per Million		NST	3/6/06
421	Sulfur in Gasoline D2622	346	Parts Per Million		NST	3/6/06
62	Vapor Pressure by D5191 (Modified)	14.01	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	50.7	Volume Percent		MM	11/29/05
66	Percent Evaporated at 300 Degrees F D86	85.6	Volume Percent		MM	11/29/05
48	Aromatics in Gasoline MSD D5769	22.12	Volume Percent		TW	12/21/05
49	Olefins in by FIA D1319	9.2	Volume Percent		MM	12/1/05
64	Benzene in Gasoline D3606	1.08	Volume Percent		TW	12/20/05
64	Benzene in Gasoline D3606	1.08	Volume Percent		TW	12/20/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/6/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/6/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/6/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/6/05
57	TAME by D5599	0.00	Volume Percent		TS	12/6/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/6/05
46	Aromatics by FIA D1319	20.6	Volume Percent		MM	12/1/05
630	Toluene in gasoline by MSD D5769	5.14	Volume Percent		TW	12/21/05
63	Benzene in Gasoline by GC/MSD D5769	1.04	Volume Percent		TW	12/21/05
69	Specific Gravity @ 60 deg F D4052	0.72335	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.72337	60/60F		MM	11/25/05
692	Degrees API D4052	64.11	Degrees API		MM	11/25/05
692	Degrees API D4052	64.12	Degrees API		MM	11/25/05
691	Density @ 60 deg F D4052	0.72263	g/cm-03 @ 60 deg F		MM	11/25/05
691	Density @ 60 deg F D4052	0.72266	g/cm-03 @ 60 deg F		MM	11/25/05
101	Initial Boiling Point D86	78.7	Degrees F		MM	11/29/05
110	10 Percent D86	98.1	Degrees F		MM	11/29/05
150	50 Percent D86	198	Degrees F		MM	11/29/05
190	90 Percent D86	317.6	Degrees F		MM	11/29/05
200	End Point D86	401	Degrees F		MM	11/29/05

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201	Residue	D86	0.9 mL	MM	11/29/05
202	Total Recovery	D86	96.7 mL	MM	11/29/05
203	Loss	D86	2.4 mL	MM	11/29/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/6/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/6/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/6/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/6/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/6/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/6/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05

NVFEL Fuel Analysis Report

14283

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 11/23/05.

Season: Winter

Kansas City Samples- FTAG: 14283 Comments: 619; 1-29-05
 ULU101(Ks)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/6/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/6/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/6/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/6/05
421	Sulfur in Gasoline D2622	389	Parts Per Million		NST	3/6/06
62	Vapor Pressure by D5191 (Modified)	13.69	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	50.8	Volume Percent		MM	11/29/05
66	Percent Evaporated at 300 Degrees F D86	85.7	Volume Percent		MM	11/29/05
48	Aromatics in Gasoline MSD D5769	21.8	Volume Percent		TW	12/21/05
49	Olefins in by FIA D1319	9.8	Volume Percent		MM	12/1/05
64	Benzene in Gasoline D3606	1.20	Volume Percent		TW	12/20/05
64	Benzene in Gasoline D3606	1.20	Volume Percent		TW	12/20/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/6/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/6/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/6/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/6/05
57	TAME by D5599	0.00	Volume Percent		TS	12/6/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/6/05
46	Aromatics by FIA D1319	20.6	Volume Percent		MM	12/1/05
630	Toluene in gasoline by MSD D5769	5.15	Volume Percent		TW	12/21/05
63	Benzene in Gasoline by GC/MSD D5769	1.16	Volume Percent		TW	12/21/05
69	Specific Gravity @ 60 deg F D4052	0.72446	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.7245	60/60F		MM	11/25/05
692	Degrees API D4052	63.81	Degrees API		MM	11/25/05
692	Degrees API D4052	63.82	Degrees API		MM	11/25/05
691	Density @ 60 deg F D4052	0.72374	g/cm-03 @ 60 deg F		MM	11/25/05
691	Density @ 60 deg F D4052	0.72379	g/cm-03 @ 60 deg F		MM	11/25/05
101	Initial Boiling Point D86	78.9	Degrees F		MM	11/29/05
110	10 Percent D86	99.1	Degrees F		MM	11/29/05
150	50 Percent D86	198	Degrees F		MM	11/29/05
190	90 Percent D86	317.1	Degrees F		MM	11/29/05
200	End Point D86	397.2	Degrees F		MM	11/29/05
201	Residue D86	0.9	mL		MM	11/29/05

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202	Total Recovery	D86	96.7 mL	MM	11/29/05
203	Loss	D86	2.4 mL	MM	11/29/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/6/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/6/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/6/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/6/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/6/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/6/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05

NVFEL Fuel Analysis Report

14284

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 11/23/05.

Season: Winter

Kansas City Samples- FTAG: 14284 Comments: #7; 7/14/04
100RC7(Mo)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/6/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/6/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/6/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/6/05
421	Sulfur in Gasoline D2622	56	Parts Per Million		NST	3/6/06
421	Sulfur in Gasoline D2622	53	Parts Per Million		NST	3/6/06
62	Vapor Pressure by D5191 (Modified)	6.47	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	34.1	Volume Percent		MM	11/29/05
66	Percent Evaporated at 300 Degrees F D86	81.3	Volume Percent		MM	11/29/05
48	Aromatics in Gasoline MSD D5769	34.9	Volume Percent		TW	12/21/05
49	Olefins in by FIA D1319	10.5	Volume Percent		MM	12/5/05
49	Olefins in by FIA D1319	10.5	Volume Percent		MM	12/5/05
64	Benzene in Gasoline D3606	0.71	Volume Percent		TW	12/20/05
64	Benzene in Gasoline D3606	0.71	Volume Percent		TW	12/20/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/6/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/6/05
57	TAME by D5599	0.00	Volume Percent		TS	12/6/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/6/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/6/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/6/05
630	Toluene in gasoline by MSD D5769	12.37	Volume Percent		TW	12/21/05
46	Aromatics by FIA D1319	35.4	Volume Percent		MM	12/5/05
63	Benzene in Gasoline by GC/MSD D5769	0.68	Volume Percent		TW	12/21/05
46	Aromatics by FIA D1319	35.5	Volume Percent		MM	12/5/05
69	Specific Gravity @ 60 deg F D4052	0.76139	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.76133	60/60F		MM	11/25/05
692	Degrees API D4052	54.36	Degrees API		MM	11/25/05
692	Degrees API D4052	54.35	Degrees API		MM	11/25/05
691	Density @ 60 deg F D4052	0.76063	g/cm-03 @ 60 deg F		MM	11/25/05
691	Density @ 60 deg F D4052	0.76058	g/cm-03 @ 60 deg F		MM	11/25/05
101	Initial Boiling Point D86	98.4	Degrees F		MM	11/29/05
110	10 Percent D86	143.9	Degrees F		MM	11/29/05
150	50 Percent D86	232.3	Degrees F		MM	11/29/05

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190	90 Percent	D86	339.2 Degrees F	MM	11/29/05
200	End Point	D86	428.1 Degrees F	MM	11/29/05
201	Residue	D86	1 mL	MM	11/29/05
202	Total Recovery	D86	97.5 mL	MM	11/29/05
203	Loss	D86	1.5 mL	MM	11/29/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/6/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/6/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/6/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/6/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/6/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/6/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05

NVFEL Fuel Analysis Report

14284

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 11/23/05.

Season: Winter

Kansas City Samples- FTAG: 14284 Comments: #7; 7/14/04
100RC7(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/6/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/6/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/6/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/6/05
421	Sulfur in Gasoline D2622	56	Parts Per Million		NST	3/6/06
421	Sulfur in Gasoline D2622	53	Parts Per Million		NST	3/6/06
62	Vapor Pressure by D5191 (Modified)	6.47	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	34.1	Volume Percent		MM	11/29/05
66	Percent Evaporated at 300 Degrees F D86	81.3	Volume Percent		MM	11/29/05
48	Aromatics in Gasoline MSD D5769	34.9	Volume Percent		TW	12/21/05
49	Olefins in by FIA D1319	10.5	Volume Percent		MM	12/5/05
49	Olefins in by FIA D1319	10.5	Volume Percent		MM	12/5/05
64	Benzene in Gasoline D3606	0.71	Volume Percent		TW	12/20/05
64	Benzene in Gasoline D3606	0.71	Volume Percent		TW	12/20/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/6/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/6/05
57	TAME by D5599	0.00	Volume Percent		TS	12/6/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/6/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/6/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/6/05
630	Toluene in gasoline by MSD D5769	12.37	Volume Percent		TW	12/21/05
46	Aromatics by FIA D1319	35.4	Volume Percent		MM	12/5/05
63	Benzene in Gasoline by GC/MSD D5769	0.68	Volume Percent		TW	12/21/05
46	Aromatics by FIA D1319	35.5	Volume Percent		MM	12/5/05
69	Specific Gravity @ 60 deg F D4052	0.76139	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.76133	60/60F		MM	11/25/05
692	Degrees API D4052	54.36	Degrees API		MM	11/25/05
692	Degrees API D4052	54.35	Degrees API		MM	11/25/05
691	Density @ 60 deg F D4052	0.76063	g/cm-03 @ 60 deg F		MM	11/25/05
691	Density @ 60 deg F D4052	0.76058	g/cm-03 @ 60 deg F		MM	11/25/05
101	Initial Boiling Point D86	98.4	Degrees F		MM	11/29/05
110	10 Percent D86	143.9	Degrees F		MM	11/29/05
150	50 Percent D86	232.3	Degrees F		MM	11/29/05

NVFEL Fuel Analysis Report

14284

190	90 Percent	D86	339.2 Degrees F	MM	11/29/05
200	End Point	D86	428.1 Degrees F	MM	11/29/05
201	Residue	D86	1 mL	MM	11/29/05
202	Total Recovery	D86	97.5 mL	MM	11/29/05
203	Loss	D86	1.5 mL	MM	11/29/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/6/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/6/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/6/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/6/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/6/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/6/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05

NVFEL Fuel Analysis Report

14285

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 11/23/05.

Season: Winter

Kansas City Samples- FTAG: 14285 Comments: 640; 2-3-05
VHW541(Ks)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/6/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/6/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/6/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/6/05
421	Sulfur in Gasoline D2622	86	Parts Per Million		NST	3/6/06
62	Vapor Pressure by D5191 (Modified)	12.71	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	43.7	Volume Percent		MM	11/29/05
66	Percent Evaporated at 300 Degrees F D86	84.8	Volume Percent		MM	11/29/05
48	Aromatics in Gasoline MSD D5769	28.16	Volume Percent		TW	12/21/05
49	Olefins in by FIA D1319	5.2	Volume Percent		MM	12/5/05
64	Benzene in Gasoline D3606	0.57	Volume Percent		TW	12/20/05
64	Benzene in Gasoline D3606	0.57	Volume Percent		TW	12/20/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/6/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/6/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/6/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/6/05
57	TAME by D5599	0.00	Volume Percent		TS	12/6/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/6/05
46	Aromatics by FIA D1319	25.7	Volume Percent		MM	12/5/05
630	Toluene in gasoline by MSD D5769	8.41	Volume Percent		TW	12/21/05
63	Benzene in Gasoline by GC/MSD D5769	0.54	Volume Percent		TW	12/21/05
69	Specific Gravity @ 60 deg F D4052	0.73285	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.7329	60/60F		MM	11/25/05
692	Degrees API D4052	61.57	Degrees API		MM	11/25/05
692	Degrees API D4052	61.58	Degrees API		MM	11/25/05
691	Density @ 60 deg F D4052	0.73212	g/cm-03 @ 60 deg F		MM	11/25/05
691	Density @ 60 deg F D4052	0.73218	g/cm-03 @ 60 deg F		MM	11/25/05
101	Initial Boiling Point D86	80.8	Degrees F		MM	11/29/05
110	10 Percent D86	103	Degrees F		MM	11/29/05
150	50 Percent D86	218	Degrees F		MM	11/29/05
190	90 Percent D86	321.8	Degrees F		MM	11/29/05
200	End Point D86	407.5	Degrees F		MM	11/29/05
201	Residue D86	0.9	mL		MM	11/29/05

NVFEL Fuel Analysis Report

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202	Total Recovery	D86	96.8 mL	MM	11/29/05
203	Loss	D86	2.3 mL	MM	11/29/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/6/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/6/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/6/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/6/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/6/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/6/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05

NVFEL Fuel Analysis Report

14286

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 11/23/05.

VOC

Season: Winter

Kansas City Samples- FTAG: 14286 Comments: 633; 2-2-05
VQH913(Ks)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/6/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/6/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/6/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/6/05
421	Sulfur in Gasoline D2622	77	Parts Per Million		NST	3/6/06
62	Vapor Pressure by D5191 (Modified)	12.13	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	39.5	Volume Percent		MM	11/29/05
66	Percent Evaporated at 300 Degrees F D86	87	Volume Percent		MM	11/29/05
48	Aromatics in Gasoline MSD D5769	30.17	Volume Percent		TW	12/21/05
49	Olefins in by FIA D1319	3.7	Volume Percent		MM	12/5/05
64	Benzene in Gasoline D3606	0.67	Volume Percent		TW	12/20/05
64	Benzene in Gasoline D3606	0.67	Volume Percent		TW	12/20/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/6/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/6/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/6/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/6/05
57	TAME by D5599	0.00	Volume Percent		TS	12/6/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/6/05
46	Aromatics by FIA D1319	27.8	Volume Percent		MM	12/5/05
630	Toluene in gasoline by MSD D5769	11.3	Volume Percent		TW	12/21/05
63	Benzene in Gasoline by GC/MSD D5769	0.65	Volume Percent		TW	12/21/05
69	Specific Gravity @ 60 deg F D4052	0.7383	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.73829	60/60F		MM	11/25/05
692	Degrees API D4052	60.16	Degrees API		MM	11/25/05
692	Degrees API D4052	60.16	Degrees API		MM	11/25/05
691	Density @ 60 deg F D4052	0.73757	g/cm-03 @ 60 deg F		MM	11/25/05
691	Density @ 60 deg F D4052	0.73756	g/cm-03 @ 60 deg F		MM	11/25/05
101	Initial Boiling Point D86	83.8	Degrees F		MM	11/29/05
110	10 Percent D86	108.3	Degrees F		MM	11/29/05
150	50 Percent D86	221.4	Degrees F		MM	11/29/05
190	90 Percent D86	314.9	Degrees F		MM	11/29/05
200	End Point D86	407.5	Degrees F		MM	11/29/05
201	Residue D86	0.8	mL		MM	11/29/05

06-Mar-06

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202	Total Recovery	D86	96.9 mL	MM	11/29/05
203	Loss	D86	2.3 mL	MM	11/29/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/6/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/6/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/6/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/6/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/6/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/6/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05

NVFEL Fuel Analysis Report

14287

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 11/23/05.

VOC

Season: Winter

Kansas City Samples- FTAG: 14287 Comments: 819; 3-12-05
374CL9(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code: 41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/6/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/6/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/6/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/6/05
421	Sulfur in Gasoline D2622	146	Parts Per Million		NST	3/6/06
62	Vapor Pressure by D5191 (Modified)	11.39	PSI		MM	11/25/05
62	Vapor Pressure by D5191 (Modified)	11.37	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	51	Volume Percent		MM	11/29/05
66	Percent Evaporated at 300 Degrees F D86	84.3	Volume Percent		MM	11/29/05
48	Aromatics in Gasoline MSD D5769	24.68	Volume Percent		TW	12/21/05
49	Olefins in by FIA D1319	8.9	Volume Percent		MM	12/5/05
64	Benzene in Gasoline D3606	1.01	Volume Percent		TW	12/20/05
64	Benzene in Gasoline D3606	1.01	Volume Percent		TW	12/20/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/6/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/6/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/6/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/6/05
57	TAME by D5599	0.00	Volume Percent		TS	12/6/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/6/05
630	Toluene in gasoline by MSD D5769	5.92	Volume Percent		TW	12/21/05
63	Benzene in Gasoline by GC/MSD D5769	0.97	Volume Percent		TW	12/21/05
46	Aromatics by FIA D1319	24	Volume Percent		MM	12/5/05
69	Specific Gravity @ 60 deg F D4052	0.7312	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.73118	60/60F		MM	11/25/05
692	Degrees API D4052	62.02	Degrees API		MM	11/25/05
692	Degrees API D4052	62.02	Degrees API		MM	11/25/05
691	Density @ 60 deg F D4052	0.73046	g/cm-03 @ 60 deg F		MM	11/25/05
691	Density @ 60 deg F D4052	0.73048	g/cm-03 @ 60 deg F		MM	11/25/05
101	Initial Boiling Point D86	84.9	Degrees F		MM	11/29/05
110	10 Percent D86	109.8	Degrees F		MM	11/29/05
150	50 Percent D86	197.6	Degrees F		MM	11/29/05
190	90 Percent D86	328.6	Degrees F		MM	11/29/05
200	End Point D86	416.1	Degrees F		MM	11/29/05

NVFEL Fuel Analysis Report

14287

201	Residue	D86	1 mL	MM	11/29/05
202	Total Recovery	D86	97.1 mL	MM	11/29/05
203	Loss	D86	1.9 mL	MM	11/29/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/6/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/6/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/6/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/6/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/6/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/6/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05

NVFEL Fuel Analysis Report

14288

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 11/23/05.

Season: Winter

Kansas City Samples- FTAG: 14288 Comments: 801; 3-9-05
108CTB(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	12/6/05
562	ETBE by D5599	0.00	Oxy Percent			TS	12/6/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	12/6/05
572	TAME by D5599	0.00	Oxy Percent			TS	12/6/05
421	Sulfur in Gasoline D2622	94	Parts Per Million			NST	3/6/06
62	Vapor Pressure by D5191 (Modified)	13.1	PSI			MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	51.7	Volume Percent			MM	11/29/05
66	Percent Evaporated at 300 Degrees F D86	85	Volume Percent			MM	11/29/05
48	Aromatics in Gasoline MSD D5769	20.58	Volume Percent			TW	12/21/05
49	Olefins in by FIA D1319	8.9	Volume Percent			MM	12/6/05
64	Benzene in Gasoline D3606	1.01	Volume Percent			TW	12/20/05
64	Benzene in Gasoline D3606	1.01	Volume Percent			TW	12/20/05
64	Benzene in Gasoline D3606	1.01	Volume Percent			TW	12/20/05
64	Benzene in Gasoline D3606	1.01	Volume Percent			TW	12/20/05
55	MTBE by D5599	0.00	Volume Percent			TS	12/6/05
532	Ethanol by D5599	0.00	Volume Percent			TS	12/6/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	12/6/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	12/6/05
57	TAME by D5599	0.00	Volume Percent			TS	12/6/05
56	ETBE by D5599	0.00	Volume Percent			TS	12/6/05
46	Aromatics by FIA D1319	20.2	Volume Percent			MM	12/6/05
630	Toluene in gasoline by MSD D5769	4.49	Volume Percent			TW	12/21/05
63	Benzene in Gasoline by GC/MSD D5769	0.97	Volume Percent			TW	12/21/05
69	Specific Gravity @ 60 deg F D4052	0.72308	60/60F			MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.72315	60/60F			MM	11/25/05
692	Degrees API D4052	64.17	Degrees API			MM	11/25/05
692	Degrees API D4052	64.19	Degrees API			MM	11/25/05
691	Density @ 60 deg F D4052	0.72237	g/cm-03 @ 60 deg F			MM	11/25/05
691	Density @ 60 deg F D4052	0.72244	g/cm-03 @ 60 deg F			MM	11/25/05
101	Initial Boiling Point D86	80.3	Degrees F			MM	11/29/05
110	10 Percent D86	101.5	Degrees F			MM	11/29/05
150	50 Percent D86	195.9	Degrees F			MM	11/29/05
190	90 Percent D86	322.6	Degrees F			MM	11/29/05

NVFEL Fuel Analysis Report**14288**

200	End Point	D86	416 Degrees F	MM	11/29/05
201	Residue	D86	1 mL	MM	11/29/05
202	Total Recovery	D86	96.7 mL	MM	11/29/05
203	Loss	D86	2.3 mL	MM	11/29/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/6/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/6/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/6/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/6/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/6/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/6/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05

NVFEL Fuel Analysis Report

14288

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 11/23/05.

Season: Winter

Kansas City Samples- FTAG: 14288 Comments: 801; 3-9-05
108CTB(Mo)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/6/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/6/05
534	Ethanol by D5599	0.00	Oxy Percent		TS	12/6/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/6/05
421	Sulfur in Gasoline D2622	94	Parts Per Million		NST	3/6/06
62	Vapor Pressure by D5191 (Modified)	13.1	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	51.7	Volume Percent		MM	11/29/05
66	Percent Evaporated at 300 Degrees F D86	85	Volume Percent		MM	11/29/05
48	Aromatics in Gasoline MSD D5769	20.58	Volume Percent		TW	12/21/05
49	Olefins in by FIA D1319	8.9	Volume Percent		MM	12/6/05
64	Benzene in Gasoline D3606	1.01	Volume Percent		TW	12/20/05
64	Benzene in Gasoline D3606	1.01	Volume Percent		TW	12/20/05
64	Benzene in Gasoline D3606	1.01	Volume Percent		TW	12/20/05
64	Benzene in Gasoline D3606	1.01	Volume Percent		TW	12/20/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/6/05
532	Ethanol by D5599	0.00	Volume Percent		TS	12/6/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	12/6/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	12/6/05
57	TAME by D5599	0.00	Volume Percent		TS	12/6/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/6/05
46	Aromatics by FIA D1319	20.2	Volume Percent		MM	12/6/05
630	Toluene in gasoline by MSD D5769	4.49	Volume Percent		TW	12/21/05
63	Benzene in Gasoline by GC/MSD D5769	0.97	Volume Percent		TW	12/21/05
69	Specific Gravity @ 60 deg F D4052	0.72308	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.72315	60/60F		MM	11/25/05
692	Degrees API D4052	64.17	Degrees API		MM	11/25/05
692	Degrees API D4052	64.19	Degrees API		MM	11/25/05
691	Density @ 60 deg F D4052	0.72237	g/cm-03 @ 60 deg F		MM	11/25/05
691	Density @ 60 deg F D4052	0.72244	g/cm-03 @ 60 deg F		MM	11/25/05
101	Initial Boiling Point D86	80.3	Degrees F		MM	11/29/05
110	10 Percent D86	101.5	Degrees F		MM	11/29/05
150	50 Percent D86	195.9	Degrees F		MM	11/29/05
190	90 Percent D86	322.6	Degrees F		MM	11/29/05

NVFEL Fuel Analysis Report

14288

200	End Point	D86	416 Degrees F	MM	11/29/05
201	Residue	D86	1 mL	MM	11/29/05
202	Total Recovery	D86	96.7 mL	MM	11/29/05
203	Loss	D86	2.3 mL	MM	11/29/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/6/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/6/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/6/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/6/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/6/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/6/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 11/23/05.

VOC

Season: Winter

Kansas City Samples- FTAG: 14289 Comments: (4); 7/13/04
VIW630

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	12/6/05
562	ETBE by D5599	0.00	Oxy Percent			TS	12/6/05
534	Ethanol by D5599	0.00	Oxy Percent			TS	12/6/05
572	TAME by D5599	0.00	Oxy Percent			TS	12/6/05
421	Sulfur in Gasoline D2622	321	Parts Per Million			NST	3/6/06
62	Vapor Pressure by D5191 (Modified)	6.43	PSI			MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	35.5	Volume Percent			MM	11/29/05
66	Percent Evaporated at 300 Degrees F D86	80.9	Volume Percent			MM	11/29/05
48	Aromatics in Gasoline MSD D5769	27.79	Volume Percent			TW	12/21/05
49	Olefins in by FIA D1319	8.7	Volume Percent			MM	12/6/05
64	Benzene in Gasoline D3606	1.39	Volume Percent			TW	12/20/05
64	Benzene in Gasoline D3606	1.39	Volume Percent			TW	12/20/05
532	Ethanol by D5599	0.00	Volume Percent			TS	12/6/05
55	MTBE by D5599	0.00	Volume Percent			TS	12/6/05
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	12/6/05
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	12/6/05
57	TAME by D5599	0.00	Volume Percent			TS	12/6/05
56	ETBE by D5599	0.00	Volume Percent			TS	12/6/05
46	Aromatics by FIA D1319	27.9	Volume Percent			MM	12/6/05
630	Toluene in gasoline by MSD D5769	6.25	Volume Percent			TW	12/21/05
63	Benzene in Gasoline by GC/MSD D5769	1.34	Volume Percent			TW	12/21/05
69	Specific Gravity @ 60 deg F D4052	0.75055	60/60F			MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.7506	60/60F			MM	11/25/05
692	Degrees API D4052	57.02	Degrees API			MM	11/25/05
692	Degrees API D4052	57.03	Degrees API			MM	11/25/05
691	Density @ 60 deg F D4052	0.74981	g/cm-03 @ 60 deg F			MM	11/25/05
691	Density @ 60 deg F D4052	0.74986	g/cm-03 @ 60 deg F			MM	11/25/05
101	Initial Boiling Point D86	102.8	Degrees F			MM	11/29/05
110	10 Percent D86	146.9	Degrees F			MM	11/29/05
150	50 Percent D86	227.3	Degrees F			MM	11/29/05
190	90 Percent D86	334.2	Degrees F			MM	11/29/05
200	End Point D86	421.7	Degrees F			MM	11/29/05
201	Residue D86	1	mL			MM	11/29/05

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202	Total Recovery	D86	97.5 mL	MM	11/29/05
203	Loss	D86	1.5 mL	MM	11/29/05
543	Methanol	by D5599	0.00 Volume Percent	TS	12/6/05
584	Isopropanol	by D5599	0.00 Volume Percent	TS	12/6/05
585	t-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
586	n-Propanol	by D5599	0.00 Volume Percent	TS	12/6/05
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05
588	DIPE	by D5599	0.00 Volume Percent	TS	12/6/05
589	Isobutanol	by D5599	0.00 Volume Percent	TS	12/6/05
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	12/6/05
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	12/6/05

NVFEL Fuel Analysis Report

14290

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 11/23/05.

Season: Winter

Kansas City Samples- FTAG: 14290 Comments: 721; 2-21-05
705DFG(Mo)

Test Code	Test Method	Results	Units	Fuel_ 41 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	12/6/05
552	MTBE by D5599	0.00	Oxy Percent		TS	12/6/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/6/05
562	ETBE by D5599	0.00	Oxy Percent		TS	12/6/05
534	Ethanol by D5599	0.88	Oxy Percent		TS	12/6/05
534	Ethanol by D5599	0.90	Oxy Percent		TS	12/6/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/6/05
572	TAME by D5599	0.00	Oxy Percent		TS	12/6/05
421	Sulfur in Gasoline D2622	290	Parts Per Million		NST	3/6/06
62	Vapor Pressure by D5191 (Modified)	13.69	PSI		MM	11/25/05
65	Percent Evaporated at 200 Degrees F D86	51	Volume Percent		MM	11/30/05
66	Percent Evaporated at 300 Degrees F D86	85.7	Volume Percent		MM	11/30/05
48	Aromatics in Gasoline MSD D5769	22.38	Volume Percent		TW	12/21/05
49	Olefins in by FIA D1319	9	Volume Percent		MM	12/6/05
64	Benzene in Gasoline D3606	1.17	Volume Percent		TW	12/20/05
64	Benzene in Gasoline D3606	1.17	Volume Percent		TW	12/20/05
532	Ethanol by D5599	2.39	Volume Percent		TS	12/6/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/6/05
532	Ethanol by D5599	2.33	Volume Percent		TS	12/6/05
55	MTBE by D5599	0.00	Volume Percent		TS	12/6/05
59	Weight Percent Oxygen by D5599	0.90	Weight Percent		TS	12/6/05
59	Weight Percent Oxygen by D5599	0.88	Weight Percent		TS	12/6/05
57	TAME by D5599	0.00	Volume Percent		TS	12/6/05
593	Volume Percent Oxygenates by D5599	2.33	Volume Percent		TS	12/6/05
593	Volume Percent Oxygenates by D5599	2.39	Volume Percent		TS	12/6/05
57	TAME by D5599	0.00	Volume Percent		TS	12/6/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/6/05
56	ETBE by D5599	0.00	Volume Percent		TS	12/6/05
46	Aromatics by FIA D1319	22.8	Volume Percent		MM	12/6/05
63	Benzene in Gasoline by GC/MSD D5769	1.13	Volume Percent		TW	12/21/05
630	Toluene in gasoline by MSD D5769	5.23	Volume Percent		TW	12/21/05
69	Specific Gravity @ 60 deg F D4052	0.72875	60/60F		MM	11/25/05
69	Specific Gravity @ 60 deg F D4052	0.72872	60/60F		MM	11/25/05

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692	Degrees API	D4052	62.67	Degrees API	MM	11/25/05
692	Degrees API	D4052	62.68	Degrees API	MM	11/25/05
691	Density @ 60 deg F	D4052	0.72803	g/cm-03 @ 60 deg F	MM	11/25/05
691	Density @ 60 deg F	D4052	0.728	g/cm-03 @ 60 deg F	MM	11/25/05
101	Initial Boiling Point	D86	80.9	Degrees F	MM	11/30/05
110	10 Percent	D86	100.9	Degrees F	MM	11/30/05
150	50 Percent	D86	197.1	Degrees F	MM	11/30/05
190	90 Percent	D86	320	Degrees F	MM	11/30/05
200	End Point	D86	399.5	Degrees F	MM	11/30/05
201	Residue	D86	0.9	mL	MM	11/30/05
202	Total Recovery	D86	96.8	mL	MM	11/30/05
203	Loss	D86	2.3	mL	MM	11/30/05
543	Methanol	by D5599	0.00	Volume Percent	TS	12/6/05
543	Methanol	by D5599	0.00	Volume Percent	TS	12/6/05
584	Isopropanol	by D5599	0.00	Volume Percent	TS	12/6/05
584	Isopropanol	by D5599	0.00	Volume Percent	TS	12/6/05
585	t-Butanol	by D5599	0.00	Volume Percent	TS	12/6/05
585	t-Butanol	by D5599	0.00	Volume Percent	TS	12/6/05
586	n-Propanol	by D5599	0.00	Volume Percent	TS	12/6/05
586	n-Propanol	by D5599	0.00	Volume Percent	TS	12/6/05
587	sec-Butanol	by D5599	0.00	Volume Percent	TS	12/6/05
587	sec-Butanol	by D5599	0.00	Volume Percent	TS	12/6/05
588	DIPE	by D5599	0.00	Volume Percent	TS	12/6/05
588	DIPE	by D5599	0.00	Volume Percent	TS	12/6/05
589	Isobutanol	by D5599	0.00	Volume Percent	TS	12/6/05
589	Isobutanol	by D5599	0.00	Volume Percent	TS	12/6/05
5801	t-Amyl Alcohol	by D5599	0.00	Volume Percent	TS	12/6/05
5801	t-Amyl Alcohol	by D5599	0.00	Volume Percent	TS	12/6/05
5802	n-Butanol	by D5599	0.00	Volume Percent	TS	12/6/05
5802	n-Butanol	by D5599	0.00	Volume Percent	TS	12/6/05

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 5/15/2006.

Season: Winter

Kansas City Samples-
685SBB(MO)

FTAG: 14525

Comments: 870; 4/7/05

Test Code	Test Method	Results	Units	Fuel Code:	21	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	5/22/2006
562	ETBE by D5599	0.00	Oxy Percent			TS	5/22/2006
534	Ethanol by D5599	0.00	Oxy Percent			TS	5/22/2006
572	TAME by D5599	0.00	Oxy Percent			TS	5/22/2006
421	Sulfur in Gasoline D2622	191	Parts Per Million			NST	5/23/2006
62	Vapor Pressure by D5191 (Modified)	9.95	PS I			NST	5/15/2006
62	Vapor Pressure by D5191 (Modified)	9.95	PS I			NST	5/15/2006
65	Percent Evaporated at 200 Degrees F D86	45.4	Volume Percent			MM	5/18/2006
66	Percent Evaporated at 300 Degrees F D86	83.5	Volume Percent			MM	5/18/2006
48	Aromatics in Gasoline MSD D5769	24.6	Volume Percent			TW	5/23/2006
64	Benzene in Gasoline D3606	1.20	Volume Percent			TW	5/23/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	5/22/2006
57	TAME by D5599	0.00	Volume Percent			TS	5/22/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	5/22/2006
55	MTBE by D5599	0.00	Volume Percent			TS	5/22/2006
532	Ethanol by D5599	0.00	Volume Percent			TS	5/22/2006
56	ETBE by D5599	0.00	Volume Percent			TS	5/22/2006
63	Benzene in Gasoline by GC/MSD D5769	1.18	Volume Percent			TW	5/23/2006
630	Toluene in gasoline by MSD D5769	5.66	Volume Percent			TW	5/23/2006
69	Specific Gravity @ 60 deg F D4052	0.73771	60/60F			MM	5/16/2006
69	Specific Gravity @ 60 deg F D4052	0.73763	60/60F			MM	5/16/2006
692	Degrees API D4052	60.31	Degrees API			MM	5/16/2006
692	Degrees API D4052	60.33	Degrees API			MM	5/16/2006
691	Density @ 60 deg F D4052	0.73698	g/cm-03 @ 60 deg F			MM	5/16/2006
691	Density @ 60 deg F D4052	0.7369	g/cm-03 @ 60 deg F			MM	5/16/2006
101	Initial Boiling Point D86	90.1	Degrees F			MM	5/18/2006
110	10 Percent D86	121.9	Degrees F			MM	5/18/2006
150	50 Percent D86	210.2	Degrees F			MM	5/18/2006
190	90 Percent D86	328.6	Degrees F			MM	5/18/2006
200	End Point D86	408.9	Degrees F			MM	5/18/2006
201	Residue D86	1	mL			MM	5/18/2006
202	Total Recovery D86	98.1	mL			MM	5/18/2006
203	Loss D86	0.9	mL			MM	5/18/2006

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543	Methanol	by D5599	0.00 Volume Percent	TS	5/22/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/22/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/22/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/22/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/22/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	5/22/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/22/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/22/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/22/2006

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 5/15/2006.

Season: Winter

Kansas City Samples- FTAG: 14524 Comments: 877; 3/22/05
192GE3(MO)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	5/22/2006
562	ETBE by D5599	0.00	Oxy Percent		TS	5/22/2006
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/22/2006
572	TAME by D5599	0.00	Oxy Percent		TS	5/22/2006
421	Sulfur in Gasoline D2622	154	Parts Per Million		NST	5/23/2006
62	Vapor Pressure by D5191 (Modified)	11.08	PS I		NST	5/15/2006
62	Vapor Pressure by D5191 (Modified)	11.07	PS I		NST	5/15/2006
65	Percent Evaporated at 200 Degrees F D86	48.4	Volume Percent		MM	5/18/2006
66	Percent Evaporated at 300 Degrees F D86	82	Volume Percent		MM	5/18/2006
48	Aromatics in Gasoline MSD D5769	24.03	Volume Percent		TW	5/23/2006
64	Benzene in Gasoline D3606	0.98	Volume Percent		TW	5/23/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/22/2006
57	TAME by D5599	0.00	Volume Percent		TS	5/22/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/22/2006
55	MTBE by D5599	0.00	Volume Percent		TS	5/22/2006
532	Ethanol by D5599	0.00	Volume Percent		TS	5/22/2006
56	ETBE by D5599	0.00	Volume Percent		TS	5/22/2006
63	Benzene in Gasoline by GC/MSD D5769	0.96	Volume Percent		TW	5/23/2006
630	Toluene in gasoline by MSD D5769	4.79	Volume Percent		TW	5/23/2006
69	Specific Gravity @ 60 deg F D4052	0.73449	60/60F		MM	5/16/2006
69	Specific Gravity @ 60 deg F D4052	0.73449	60/60F		MM	5/16/2006
692	Degrees API D4052	61.15	Degrees API		MM	5/16/2006
692	Degrees API D4052	61.15	Degrees API		MM	5/16/2006
691	Density @ 60 deg F D4052	0.73377	g/cm-03 @ 60 deg F		MM	5/16/2006
691	Density @ 60 deg F D4052	0.73377	g/cm-03 @ 60 deg F		MM	5/16/2006
101	Initial Boiling Point D86	87.6	Degrees F		MM	5/18/2006
110	10 Percent D86	114.3	Degrees F		MM	5/18/2006
150	50 Percent D86	204.1	Degrees F		MM	5/18/2006
190	90 Percent D86	331.5	Degrees F		MM	5/18/2006
200	End Point D86	414.4	Degrees F		MM	5/18/2006
201	Residue D86	1	mL		MM	5/18/2006
202	Total Recovery D86	97.8	mL		MM	5/18/2006
203	Loss D86	1.2	mL		MM	5/18/2006

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543	Methanol	by D5599	0.00 Volume Percent	TS	5/22/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/22/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/22/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/22/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/22/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	5/22/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/22/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/22/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/22/2006

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 5/15/2006.

Season: Winter

Kansas City Samples- FTAG: 14523 Comments: 698; 2/16/05
TIY708(KS)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	5/22/2006
562	ETBE by D5599	0.00	Oxy Percent			TS	5/22/2006
534	Ethanol by D5599	0.00	Oxy Percent			TS	5/22/2006
572	TAME by D5599	0.00	Oxy Percent			TS	5/22/2006
421	Sulfur in Gasoline D2622	98	Parts Per Million			NST	5/23/2006
62	Vapor Pressure by D5191 (Modified)	13.74	PS I			NST	5/15/2006
65	Percent Evaporated at 200 Degrees F D86	52.8	Volume Percent			MM	5/17/2006
66	Percent Evaporated at 300 Degrees F D86	84.8	Volume Percent			MM	5/17/2006
48	Aromatics in Gasoline MSD D5769	21.47	Volume Percent			TW	5/23/2006
64	Benzene in Gasoline D3606	1.02	Volume Percent			TW	5/23/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	5/22/2006
57	TAME by D5599	0.00	Volume Percent			TS	5/22/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	5/22/2006
55	MTBE by D5599	0.00	Volume Percent			TS	5/22/2006
532	Ethanol by D5599	0.00	Volume Percent			TS	5/22/2006
56	ETBE by D5599	0.00	Volume Percent			TS	5/22/2006
63	Benzene in Gasoline by GC/MSD D5769	0.98	Volume Percent			TW	5/23/2006
630	Toluene in gasoline by MSD D5769	5.03	Volume Percent			TW	5/23/2006
69	Specific Gravity @ 60 deg F D4052	0.72484	60/60F			MM	5/16/2006
69	Specific Gravity @ 60 deg F D4052	0.72483	60/60F			MM	5/16/2006
692	Degrees API D4052	63.72	Degrees API			MM	5/16/2006
692	Degrees API D4052	63.72	Degrees API			MM	5/16/2006
691	Density @ 60 deg F D4052	0.72412	g/cm-03 @ 60 deg F			MM	5/16/2006
691	Density @ 60 deg F D4052	0.72412	g/cm-03 @ 60 deg F			MM	5/16/2006
101	Initial Boiling Point D86	82.6	Degrees F			MM	5/17/2006
110	10 Percent D86	101.2	Degrees F			MM	5/17/2006
150	50 Percent D86	192	Degrees F			MM	5/17/2006
190	90 Percent D86	325.5	Degrees F			MM	5/17/2006
200	End Point D86	416.4	Degrees F			MM	5/17/2006
201	Residue D86	1	mL			MM	5/17/2006
202	Total Recovery D86	97.7	mL			MM	5/17/2006
203	Loss D86	1.3	mL			MM	5/17/2006
543	Methanol by D5599	0.00	Volume Percent			TS	5/22/2006

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584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/22/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/22/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/22/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/22/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	5/22/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/22/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/22/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/22/2006

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 5/15/2006.

Season: Winter

Kansas City Samples-
487SKA(MO)

FTAG: 14517

Comments: 118; 8/6/04

Test Code	Test Method	Results	Units	Fuel_ Code:	41	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	5/18/2006
562	ETBE by D5599	0.00	Oxy Percent			TS	5/18/2006
534	Ethanol by D5599	0.00	Oxy Percent			TS	5/18/2006
572	TAME by D5599	0.00	Oxy Percent			TS	5/18/2006
421	Sulfur in Gasoline D2622	159	Parts Per Million			NST	5/18/2006
62	Vapor Pressure by D5191 (Modified)	8.01	PS I			NST	5/15/2006
65	Percent Evaporated at 200 Degrees F D86	45.8	Volume Percent			MM	5/17/2006
66	Percent Evaporated at 300 Degrees F D86	81.2	Volume Percent			MM	5/17/2006
48	Aromatics in Gasoline MSD D5769	23.91	Volume Percent			TW	5/22/2006
64	Benzene in Gasoline D3606	0.98	Volume Percent			TW	5/23/2006
57	TAME by D5599	0.00	Volume Percent			TS	5/18/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	5/18/2006
532	Ethanol by D5599	0.00	Volume Percent			TS	5/18/2006
55	MTBE by D5599	0.00	Volume Percent			TS	5/18/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	5/18/2006
56	ETBE by D5599	0.00	Volume Percent			TS	5/18/2006
63	Benzene in Gasoline by GC/MSD D5769	0.97	Volume Percent			TW	5/22/2006
630	Toluene in gasoline by MSD D5769	4.83	Volume Percent			TW	5/22/2006
69	Specific Gravity @ 60 deg F D4052	0.73992	60/60F			MM	5/16/2006
69	Specific Gravity @ 60 deg F D4052	0.73989	60/60F			MM	5/16/2006
692	Degrees API D4052	59.74	Degrees API			MM	5/16/2006
692	Degrees API D4052	59.75	Degrees API			MM	5/16/2006
691	Density @ 60 deg F D4052	0.73919	g/cm-03 @ 60 deg F			MM	5/16/2006
691	Density @ 60 deg F D4052	0.73916	g/cm-03 @ 60 deg F			MM	5/16/2006
101	Initial Boiling Point D86	94.5	Degrees F			MM	5/17/2006
110	10 Percent D86	130.3	Degrees F			MM	5/17/2006
150	50 Percent D86	210	Degrees F			MM	5/17/2006
190	90 Percent D86	339.7	Degrees F			MM	5/17/2006
200	End Point D86	438.1	Degrees F			MM	5/17/2006
201	Residue D86	1.1	mL			MM	5/17/2006
202	Total Recovery D86	98.1	mL			MM	5/17/2006
203	Loss D86	0.8	mL			MM	5/17/2006
543	Methanol by D5599	0.00	Volume Percent			TS	5/18/2006

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584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/18/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/18/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/18/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/18/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	5/18/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/18/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/18/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/18/2006

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 5/15/2006.

Season: Winter

Kansas City Samples- FTAG: 14516 Comments: 21; 7/19/04
340CLR(MO)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	5/18/2006
562	ETBE by D5599	0.00	Oxy Percent			TS	5/18/2006
534	Ethanol by D5599	0.00	Oxy Percent			TS	5/18/2006
572	TAME by D5599	0.00	Oxy Percent			TS	5/18/2006
421	Sulfur in Gasoline D2622	197	Parts Per Million			NST	5/18/2006
62	Vapor Pressure by D5191 (Modified)	6.56	PS I			NST	5/15/2006
65	Percent Evaporated at 200 Degrees F D86	37.4	Volume Percent			MM	5/17/2006
66	Percent Evaporated at 300 Degrees F D86	82	Volume Percent			MM	5/17/2006
48	Aromatics in Gasoline MSD D5769	34.58	Volume Percent			TW	5/22/2006
64	Benzene in Gasoline D3606	1.96	Volume Percent			TW	5/23/2006
57	TAME by D5599	0.00	Volume Percent			TS	5/18/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	5/18/2006
532	Ethanol by D5599	0.00	Volume Percent			TS	5/18/2006
55	MTBE by D5599	0.00	Volume Percent			TS	5/18/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	5/18/2006
56	ETBE by D5599	0.00	Volume Percent			TS	5/18/2006
63	Benzene in Gasoline by GC/MSD D5769	1.93	Volume Percent			TW	5/22/2006
630	Toluene in gasoline by MSD D5769	8.15	Volume Percent			TW	5/22/2006
69	Specific Gravity @ 60 deg F D4052	0.75855	60/60F			MM	5/16/2006
69	Specific Gravity @ 60 deg F D4052	0.75854	60/60F			MM	5/16/2006
692	Degrees API D4052	55.04	Degrees API			MM	5/16/2006
692	Degrees API D4052	55.04	Degrees API			MM	5/16/2006
691	Density @ 60 deg F D4052	0.7578	g/cm-03 @ 60 deg F			MM	5/16/2006
691	Density @ 60 deg F D4052	0.75779	g/cm-03 @ 60 deg F			MM	5/16/2006
101	Initial Boiling Point D86	99.1	Degrees F			MM	5/17/2006
110	10 Percent D86	145.2	Degrees F			MM	5/17/2006
150	50 Percent D86	226.4	Degrees F			MM	5/17/2006
190	90 Percent D86	326.9	Degrees F			MM	5/17/2006
200	End Point D86	413.3	Degrees F			MM	5/17/2006
201	Residue D86	1	mL			MM	5/17/2006
202	Total Recovery D86	98.2	mL			MM	5/17/2006
203	Loss D86	0.8	mL			MM	5/17/2006
543	Methanol by D5599	0.00	Volume Percent			TS	5/18/2006

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584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/18/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/18/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/18/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/18/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	5/18/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/18/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/18/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/18/2006

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 5/22/2006.

Kansas City Samples-03VV FTAG: 14541 Comments: 36; 7/21/04

VOC

Season: Winter

Test Code	Test Method	Results	Units	Fuel Code:	21	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	5/24/2006
562	ETBE by D5599	0.00	Oxy Percent			TS	5/24/2006
534	Ethanol by D5599	0.00	Oxy Percent			TS	5/24/2006
572	TAME by D5599	0.00	Oxy Percent			TS	5/24/2006
421	Sulfur in Gasoline D2622	137	Parts Per Million			NST	5/24/2006
62	Vapor Pressure by D5191 (Modified)	8.24	PSI			NST	5/22/2006
65	Percent Evaporated at 200 Degrees F D86	47	Volume Percent			MM	5/23/2006
66	Percent Evaporated at 300 Degrees F D86	82.6	Volume Percent			MM	5/23/2006
48	Aromatics in Gasoline MSD D5769	26.34	Volume Percent			TW	6/1/2006
49	Olefins in by FIA D1319	7.9	Volume Percent			NST	7/6/2006
64	Benzene in Gasoline D3606	1.24	Volume Percent			TW	5/31/2006
57	TAME by D5599	0.00	Volume Percent			TS	5/24/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	5/24/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	5/24/2006
55	MTBE by D5599	0.00	Volume Percent			TS	5/24/2006
532	Ethanol by D5599	0.00	Volume Percent			TS	5/24/2006
56	ETBE by D5599	0.00	Volume Percent			TS	5/24/2006
46	Aromatics by FIA D1319	25.8	Volume Percent			NST	7/6/2006
63	Benzene in Gasoline by GC/MSD D5769	1.24	Volume Percent			TW	6/1/2006
630	Toluene in gasoline by MSD D5769	5.73	Volume Percent			TW	6/1/2006
69	Specific Gravity @ 60 deg F D4052	0.73988	60/60F			MM	5/23/2006
69	Specific Gravity @ 60 deg F D4052	0.73996	60/60F			MM	5/23/2006
692	Degrees API D4052	59.73	Degrees API			MM	5/23/2006
692	Degrees API D4052	59.75	Degrees API			MM	5/23/2006
691	Density @ 60 deg F D4052	0.73915	g/cm-03 @ 60 deg F			MM	5/23/2006
691	Density @ 60 deg F D4052	0.73923	g/cm-03 @ 60 deg F			MM	5/23/2006
101	Initial Boiling Point D86	92.2	Degrees F			MM	5/23/2006
110	10 Percent D86	128.9	Degrees F			MM	5/23/2006
150	50 Percent D86	207.2	Degrees F			MM	5/23/2006
190	90 Percent D86	331.6	Degrees F			MM	5/23/2006
200	End Point D86	433.4	Degrees F			MM	5/23/2006
201	Residue D86	1.2	mL			MM	5/23/2006
202	Total Recovery D86	97.9	mL			MM	5/23/2006

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203	Loss	D86	0.9 mL	MM	5/23/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	5/24/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/24/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/24/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	5/24/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/24/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/24/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 5/22/2006.

VOC

Season: Winter

Kansas City Samples- SKA566(KS) FTAG: 14542 Comments: 117; 8/6/04

Test Code	Test Method	Results	Units	Fuel_ Code: 21	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	5/24/2006
562	ETBE by D5599	0.00	Oxy Percent		TS	5/24/2006
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/24/2006
572	TAME by D5599	0.00	Oxy Percent		TS	5/24/2006
421	Sulfur in Gasoline D2622	111	Parts Per Million		NST	5/24/2006
62	Vapor Pressure by D5191 (Modified)	6.21	PS I		NST	5/22/2006
65	Percent Evaporated at 200 Degrees F D86	36.8	Volume Percent		MM	5/24/2006
66	Percent Evaporated at 300 Degrees F D86	77.9	Volume Percent		MM	5/24/2006
48	Aromatics in Gasoline MSD D5769	35.87	Volume Percent		TW	6/1/2006
49	Olefins in by FIA D1319	8.1	Volume Percent		NST	7/6/2006
64	Benzene in Gasoline D3606	2.12	Volume Percent		TW	5/31/2006
57	TAME by D5599	0.00	Volume Percent		TS	5/24/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/24/2006
55	MTBE by D5599	0.00	Volume Percent		TS	5/24/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/24/2006
532	Ethanol by D5599	0.00	Volume Percent		TS	5/24/2006
56	ETBE by D5599	0.00	Volume Percent		TS	5/24/2006
46	Aromatics by FIA D1319	36.3	Volume Percent		NST	7/6/2006
63	Benzene in Gasoline by GC/MSD D5769	2.11	Volume Percent		TW	6/1/2006
630	Toluene in gasoline by MSD D5769	8.96	Volume Percent		TW	6/1/2006
69	Specific Gravity @ 60 deg F D4052	0.76317	60/60F		MM	5/23/2006
69	Specific Gravity @ 60 deg F D4052	0.76314	60/60F		MM	5/23/2006
692	Degrees API D4052	53.92	Degrees API		MM	5/23/2006
692	Degrees API D4052	53.91	Degrees API		MM	5/23/2006
691	Density @ 60 deg F D4052	0.76238	g/cm-03 @ 60 deg F		MM	5/23/2006
691	Density @ 60 deg F D4052	0.76242	g/cm-03 @ 60 deg F		MM	5/23/2006
101	Initial Boiling Point D86	98.8	Degrees F		MM	5/24/2006
110	10 Percent D86	147	Degrees F		MM	5/24/2006
150	50 Percent D86	227.6	Degrees F		MM	5/24/2006
190	90 Percent D86	344	Degrees F		MM	5/24/2006
200	End Point D86	420.8	Degrees F		MM	5/24/2006
201	Residue D86	1	mL		MM	5/24/2006
202	Total Recovery D86	98.1	mL		MM	5/24/2006

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203	Loss	D86	0.9 mL	MM	5/24/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	5/24/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/24/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/24/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	5/24/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/24/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/24/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006

NVFEL Fuel Analysis Report

14543

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 5/22/2006.

Season: Winter

Kansas City Samples- FTAG: 14543 Comments: 142; 8/11/04
LHDACH(MO)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	5/24/2006
552	MTBE by D5599	0.00	Oxy Percent		TS	5/24/2006
562	ETBE by D5599	0.00	Oxy Percent		TS	5/24/2006
562	ETBE by D5599	0.00	Oxy Percent		TS	5/24/2006
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/24/2006
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/24/2006
572	TAME by D5599	0.00	Oxy Percent		TS	5/24/2006
572	TAME by D5599	0.00	Oxy Percent		TS	5/24/2006
421	Sulfur in Gasoline D2622	140	Parts Per Million		NST	5/24/2006
421	Sulfur in Gasoline D2622	140	Parts Per Million		NST	5/24/2006
62	Vapor Pressure by D5191 (Modified)	6.48	PS I		NST	5/22/2006
65	Percent Evaporated at 200 Degrees F D86	37	Volume Percent		MM	5/24/2006
66	Percent Evaporated at 300 Degrees F D86	80.5	Volume Percent		MM	5/24/2006
48	Aromatics in Gasoline MSD D5769	33.69	Volume Percent		TW	6/1/2006
49	Olefins in by FIA D1319	8.5	Volume Percent		NST	7/6/2006
64	Benzene in Gasoline D3606	1.76	Volume Percent		TW	5/31/2006
532	Ethanol by D5599	0.00	Volume Percent		TS	5/24/2006
532	Ethanol by D5599	0.00	Volume Percent		TS	5/24/2006
55	MTBE by D5599	0.00	Volume Percent		TS	5/24/2006
55	MTBE by D5599	0.00	Volume Percent		TS	5/24/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/24/2006
57	TAME by D5599	0.00	Volume Percent		TS	5/24/2006
57	TAME by D5599	0.00	Volume Percent		TS	5/24/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/24/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/24/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/24/2006
56	ETBE by D5599	0.00	Volume Percent		TS	5/24/2006
56	ETBE by D5599	0.00	Volume Percent		TS	5/24/2006
46	Aromatics by FIA D1319	34.5	Volume Percent		NST	7/6/2006
63	Benzene in Gasoline by GC/MSD D5769	1.77	Volume Percent		TW	6/1/2006
630	Toluene in gasoline by MSD D5769	7.61	Volume Percent		TW	6/1/2006
69	Specific Gravity @ 60 deg F D4052	0.75881	60/60F		MM	5/23/2006
69	Specific Gravity @ 60 deg F D4052	0.75872	60/60F		MM	5/23/2006

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692	Degrees API	D4052	55 Degrees API	MM	5/23/2006
692	Degrees API	D4052	54.98 Degrees API	MM	5/23/2006
691	Density @ 60 deg F	D4052	0.75806 g/cm-03 @ 60 deg F	MM	5/23/2006
691	Density @ 60 deg F	D4052	0.75797 g/cm-03 @ 60 deg F	MM	5/23/2006
101	Initial Boiling Point	D86	99.1 Degrees F	MM	5/24/2006
110	10 Percent	D86	146.7 Degrees F	MM	5/24/2006
150	50 Percent	D86	226.6 Degrees F	MM	5/24/2006
190	90 Percent	D86	335.9 Degrees F	MM	5/24/2006
200	End Point	D86	424.8 Degrees F	MM	5/24/2006
201	Residue	D86	1 mL	MM	5/24/2006
202	Total Recovery	D86	98.1 mL	MM	5/24/2006
203	Loss	D86	0.9 mL	MM	5/24/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	5/24/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	5/24/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/24/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/24/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/24/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/24/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	5/24/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	5/24/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/24/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/24/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/24/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/24/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 5/22/2006.

Season: Winter

Kansas City Samples-QPN- FTAG: 14544 Comments: 164; 8/16/04
387

Test Code	Test Method	Results	Units	Fuel Code: 21	Analyst	Analysis Date
552	MTBE by D5599	0.01	Oxy Percent		TS	5/24/2006
562	ETBE by D5599	0.00	Oxy Percent		TS	5/24/2006
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/24/2006
572	TAME by D5599	0.00	Oxy Percent		TS	5/24/2006
421	Sulfur in Gasoline D2622	128	Parts Per Million		NST	5/30/2006
62	Vapor Pressure by D5191 (Modified)	8.22	PS I		NST	5/22/2006
65	Percent Evaporated at 200 Degrees F D86	45.7	Volume Percent		MM	5/24/2006
66	Percent Evaporated at 300 Degrees F D86	78.4	Volume Percent		MM	5/24/2006
48	Aromatics in Gasoline MSD D5769	26.26	Volume Percent		TW	6/1/2006
49	Olefins in by FIA D1319	10.9	Volume Percent		NST	7/6/2006
64	Benzene in Gasoline D3606	0.84	Volume Percent		TW	5/31/2006
532	Ethanol by D5599	0.00	Volume Percent		TS	5/24/2006
55	MTBE by D5599	0.06	Volume Percent		TS	5/24/2006
57	TAME by D5599	0.00	Volume Percent		TS	5/24/2006
593	Volume Percent Oxygenates by D5599	0.06	Volume Percent		TS	5/24/2006
59	Weight Percent Oxygen by D5599	0.01	Weight Percent		TS	5/24/2006
56	ETBE by D5599	0.00	Volume Percent		TS	5/24/2006
630	Toluene in gasoline by MSD D5769	4.9	Volume Percent		TW	6/1/2006
63	Benzene in Gasoline by GC/MSD D5769	0.84	Volume Percent		TW	6/1/2006
46	Aromatics by FIA D1319	27.4	Volume Percent		NST	7/6/2006
69	Specific Gravity @ 60 deg F D4052	0.74492	60/60F		MM	5/23/2006
69	Specific Gravity @ 60 deg F D4052	0.74489	60/60F		MM	5/23/2006
692	Degrees API D4052	58.46	Degrees API		MM	5/23/2006
692	Degrees API D4052	58.45	Degrees API		MM	5/23/2006
691	Density @ 60 deg F D4052	0.74419	g/cm-03 @ 60 deg F		MM	5/23/2006
691	Density @ 60 deg F D4052	0.74415	g/cm-03 @ 60 deg F		MM	5/23/2006
101	Initial Boiling Point D86	92.8	Degrees F		MM	5/24/2006
110	10 Percent D86	126.8	Degrees F		MM	5/24/2006
150	50 Percent D86	212.9	Degrees F		MM	5/24/2006
190	90 Percent D86	348.8	Degrees F		MM	5/24/2006
200	End Point D86	426.4	Degrees F		MM	5/24/2006
201	Residue D86	1	mL		MM	5/24/2006
202	Total Recovery D86	98	mL		MM	5/24/2006

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NVFEL Fuel Analysis Report

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203	Loss	D86	1 mL	MM	5/24/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	5/24/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/24/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/24/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	5/24/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/24/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/24/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/24/2006

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 5/22/06.

VOC

Season: Winter

**Kansas City Samples-
4085EB(MO)**

FTAG: 14545

Comments: 188; 8/20/04

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	5/24/06
562	ETBE by D5599	0.00	Oxy Percent			TS	5/24/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	5/24/06
572	TAME by D5599	0.00	Oxy Percent			TS	5/24/06
421	Sulfur in Gasoline D2622	70	Parts Per Million			NST	5/30/06
62	Vapor Pressure by D5191 (Modified)	6.72	PSI			NST	5/22/06
65	Percent Evaporated at 200 Degrees F D86	41.2	Volume Percent			MM	5/24/06
66	Percent Evaporated at 300 Degrees F D86	78.5	Volume Percent			MM	5/24/06
48	Aromatics in Gasoline MSD D5769	28.52	Volume Percent			TW	6/1/06
49	Olefins in by FIA D1319	13	Volume Percent			NST	7/12/06
64	Benzene in Gasoline D3606	1.03	Volume Percent			TW	5/31/06
532	Ethanol by D5599	0.00	Volume Percent			TS	5/24/06
55	MTBE by D5599	0.00	Volume Percent			TS	5/24/06
57	TAME by D5599	0.00	Volume Percent			TS	5/24/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	5/24/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	5/24/06
56	ETBE by D5599	0.00	Volume Percent			TS	5/24/06
630	Toluene in gasoline by MSD D5769	6.02	Volume Percent			TW	6/1/06
63	Benzene in Gasoline by GC/MSD D5769	1.04	Volume Percent			TW	6/1/06
46	Aromatics by FIA D1319	29.7	Volume Percent			NST	7/12/06
69	Specific Gravity @ 60 deg F D4052	0.75344	60/60F			MM	5/23/06
69	Specific Gravity @ 60 deg F D4052	0.75343	60/60F			MM	5/23/06
692	Degrees API D4052	56.31	Degrees API			MM	5/23/06
692	Degrees API D4052	56.31	Degrees API			MM	5/23/06
691	Density @ 60 deg F D4052	0.7527	g/cm-03 @ 60 deg F			MM	5/23/06
691	Density @ 60 deg F D4052	0.75268	g/cm-03 @ 60 deg F			MM	5/23/06
101	Initial Boiling Point D86	99.7	Degrees F			MM	5/24/06
110	10 Percent D86	140.2	Degrees F			MM	5/24/06
150	50 Percent D86	220.2	Degrees F			MM	5/24/06
190	90 Percent D86	346.8	Degrees F			MM	5/24/06
200	End Point D86	428	Degrees F			MM	5/24/06
201	Residue D86	1	mL			MM	5/24/06
202	Total Recovery D86	97.9	mL			MM	5/24/06

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203	Loss	D86	1.1 mL	MM	5/24/06
543	Methanol	by D5599	0.00 Volume Percent	TS	5/24/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/24/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/24/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/24/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/24/06
588	DIPE	by D5599	0.00 Volume Percent	TS	5/24/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/24/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/24/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/24/06

NVFEL Fuel Analysis Report

14546

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 5/22/06.

VOC

Season: Winter

Kansas City Samples-
877XFG(MO)

FTAG: 14546

Comments: 232; 8/28/04

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	5/24/06
562	ETBE by D5599	0.00	Oxy Percent		TS	5/24/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/24/06
572	TAME by D5599	0.00	Oxy Percent		TS	5/24/06
421	Sulfur in Gasoline D2622	64	Parts Per Million		NST	5/30/06
62	Vapor Pressure by D5191 (Modified)	6.74	PSI		NST	5/22/06
65	Percent Evaporated at 200 Degrees F D86	35.3	Volume Percent		MM	5/24/06
66	Percent Evaporated at 300 Degrees F D86	81	Volume Percent		MM	5/24/06
48	Aromatics in Gasoline MSD D5769	34.61	Volume Percent		TW	6/1/06
49	Olefins in by FIA D1319	9.3	Volume Percent		NST	7/12/06
64	Benzene in Gasoline D3606	0.93	Volume Percent		TW	5/31/06
64	Benzene in Gasoline D3606	0.93	Volume Percent		TW	5/31/06
532	Ethanol by D5599	0.00	Volume Percent		TS	5/24/06
55	MTBE by D5599	0.00	Volume Percent		TS	5/24/06
57	TAME by D5599	0.00	Volume Percent		TS	5/24/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/24/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/24/06
56	ETBE by D5599	0.00	Volume Percent		TS	5/24/06
630	Toluene in gasoline by MSD D5769	11.49	Volume Percent		TW	6/1/06
63	Benzene in Gasoline by GC/MSD D5769	0.93	Volume Percent		TW	6/1/06
46	Aromatics by FIA D1319	35.3	Volume Percent		NST	7/12/06
69	Specific Gravity @ 60 deg F D4052	0.7617	60/60F		MM	5/23/06
69	Specific Gravity @ 60 deg F D4052	0.76169	60/60F		MM	5/23/06
692	Degrees API D4052	54.27	Degrees API		MM	5/23/06
692	Degrees API D4052	54.27	Degrees API		MM	5/23/06
691	Density @ 60 deg F D4052	0.76095	g/cm-03 @ 60 deg F		MM	5/23/06
691	Density @ 60 deg F D4052	0.76094	g/cm-03 @ 60 deg F		MM	5/23/06
101	Initial Boiling Point D86	95.4	Degrees F		MM	5/24/06
110	10 Percent D86	143.3	Degrees F		MM	5/24/06
150	50 Percent D86	230.3	Degrees F		MM	5/24/06
190	90 Percent D86	341.1	Degrees F		MM	5/24/06
200	End Point D86	424.3	Degrees F		MM	5/24/06
201	Residue D86	0.9	mL		MM	5/24/06

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202	Total Recovery	D86	98.1 mL	MM	5/24/06
203	Loss	D86	1 mL	MM	5/24/06
543	Methanol	by D5599	0.00 Volume Percent	TS	5/24/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/24/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/24/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/24/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/24/06
588	DIPE	by D5599	0.00 Volume Percent	TS	5/24/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/24/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/24/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/24/06

NVFEL Fuel Analysis Report

14547

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 5/22/06.

Season: Winter

Kansas City Samples- FTAG: 14547 Comments: 417; 9/27/04
853ALT(AR)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	5/24/06
552	MTBE by D5599	0.00	Oxy Percent		TS	5/24/06
562	ETBE by D5599	0.00	Oxy Percent		TS	5/24/06
562	ETBE by D5599	0.00	Oxy Percent		TS	5/24/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/24/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	5/24/06
572	TAME by D5599	0.00	Oxy Percent		TS	5/24/06
572	TAME by D5599	0.00	Oxy Percent		TS	5/24/06
421	Sulfur in Gasoline D2622	50	Parts Per Million		NST	5/30/06
62	Vapor Pressure by D5191 (Modified)	8.44	PSI		NST	5/22/06
62	Vapor Pressure by D5191 (Modified)	8.43	PSI		NST	5/22/06
65	Percent Evaporated at 200 Degrees F D86	45.1	Volume Percent		MM	5/24/06
66	Percent Evaporated at 300 Degrees F D86	81.3	Volume Percent		MM	5/24/06
48	Aromatics in Gasoline MSD D5769	24.78	Volume Percent		TW	6/2/06
49	Olefins in by FIA D1319	9.6	Volume Percent		NST	7/12/06
64	Benzene in Gasoline D3606	0.85	Volume Percent		TW	6/7/06
532	Ethanol by D5599	0.00	Volume Percent		TS	5/24/06
532	Ethanol by D5599	0.00	Volume Percent		TS	5/24/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/24/06
57	TAME by D5599	0.00	Volume Percent		TS	5/24/06
57	TAME by D5599	0.00	Volume Percent		TS	5/24/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/24/06
55	MTBE by D5599	0.00	Volume Percent		TS	5/24/06
55	MTBE by D5599	0.00	Volume Percent		TS	5/24/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	5/24/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	5/24/06
56	ETBE by D5599	0.00	Volume Percent		TS	5/24/06
56	ETBE by D5599	0.00	Volume Percent		TS	5/24/06
46	Aromatics by FIA D1319	24.4	Volume Percent		NST	7/12/06
63	Benzene in Gasoline by GC/MSD D5769	0.84	Volume Percent		TW	6/2/06
630	Toluene in gasoline by MSD D5769	5.16	Volume Percent		TW	6/2/06
69	Specific Gravity @ 60 deg F D4052	0.74233	60/60F		MM	5/23/06
69	Specific Gravity @ 60 deg F D4052	0.74233	60/60F		MM	5/23/06

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692	Degrees API	D4052	59.12 Degrees API	MM	5/23/06
692	Degrees API	D4052	59.12 Degrees API	MM	5/23/06
691	Density @ 60 deg F	D4052	0.7416 g/cm-03 @ 60 deg F	MM	5/23/06
691	Density @ 60 deg F	D4052	0.7416 g/cm-03 @ 60 deg F	MM	5/23/06
101	Initial Boiling Point	D86	92.4 Degrees F	MM	5/24/06
110	10 Percent	D86	129.5 Degrees F	MM	5/24/06
150	50 Percent	D86	210.8 Degrees F	MM	5/24/06
190	90 Percent	D86	341.7 Degrees F	MM	5/24/06
200	End Point	D86	429.2 Degrees F	MM	5/24/06
201	Residue	D86	1 mL	MM	5/24/06
202	Total Recovery	D86	97.9 mL	MM	5/24/06
203	Loss	D86	1.1 mL	MM	5/24/06
543	Methanol	by D5599	0.00 Volume Percent	TS	5/24/06
543	Methanol	by D5599	0.00 Volume Percent	TS	5/24/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/24/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	5/24/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/24/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	5/24/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/24/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	5/24/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/24/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	5/24/06
588	DIPE	by D5599	0.00 Volume Percent	TS	5/24/06
588	DIPE	by D5599	0.00 Volume Percent	TS	5/24/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/24/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	5/24/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/24/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	5/24/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/24/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	5/24/06

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14548

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 5/22/06.

Season: Winter

Kansas City Samples-
QMY157

FTAG: 14548

Comments: 434; 9/29/04

Test Code	Test Method	Results	Units	Fuel_ Code: 21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/5/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/5/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/5/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/5/06
421	Sulfur in Gasoline D2622	90	Parts Per Million		NST	5/30/06
62	Vapor Pressure by D5191 (Modified)	7.35	PSI		NST	5/22/06
62	Vapor Pressure by D5191 (Modified)	7.37	PSI		NST	5/22/06
65	Percent Evaporated at 200 Degrees F D86	38	Volume Percent		MM	5/24/06
66	Percent Evaporated at 300 Degrees F D86	82.1	Volume Percent		MM	5/24/06
48	Aromatics in Gasoline MSD D5769	27.93	Volume Percent		TW	6/2/06
49	Olefins in by FIA D1319	6.2	Volume Percent		NST	7/12/06
64	Benzene in Gasoline D3606	1.18	Volume Percent		TW	6/7/06
57	TAME by D5599	0.00	Volume Percent		TS	6/5/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/5/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/5/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/5/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/5/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/5/06
630	Toluene in gasoline by MSD D5769	6.84	Volume Percent		TW	6/2/06
46	Aromatics by FIA D1319	27	Volume Percent		NST	7/12/06
63	Benzene in Gasoline by GC/MSD D5769	1.17	Volume Percent		TW	6/2/06
69	Specific Gravity @ 60 deg F D4052	0.7461	60/60F		MM	5/23/06
69	Specific Gravity @ 60 deg F D4052	0.74611	60/60F		MM	5/23/06
692	Degrees API D4052	58.15	Degrees API		MM	5/23/06
692	Degrees API D4052	58.15	Degrees API		MM	5/23/06
691	Density @ 60 deg F D4052	0.74537	g/cm-03 @ 60 deg F		MM	5/23/06
691	Density @ 60 deg F D4052	0.74536	g/cm-03 @ 60 deg F		MM	5/23/06
101	Initial Boiling Point D86	96.2	Degrees F		MM	5/24/06
110	10 Percent D86	139.3	Degrees F		MM	5/24/06
150	50 Percent D86	223.6	Degrees F		MM	5/24/06
190	90 Percent D86	332.1	Degrees F		MM	5/24/06
200	End Point D86	412.4	Degrees F		MM	5/24/06
201	Residue D86	1.2	mL		MM	5/24/06

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202	Total Recovery	D86	97.60001 mL	MM	5/24/06
203	Loss	D86	1.2 mL	MM	5/24/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/5/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/5/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/5/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/5/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/5/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/5/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06

NVFEL Fuel Analysis Report

14564

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 5/25/06.

Season: Winter

Kansas City Samples- FTAG: 14564 Comments: Label partially obliterated.
 QEH690(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/5/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/5/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/5/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/5/06
421	Sulfur in Gasoline D2622	138	Parts Per Million			NST	6/6/06
62	Vapor Pressure by D5191 (Modified)	6.53	PSI			MM	5/26/06
65	Percent Evaporated at 200 Degrees F D86	36.7	Volume Percent			MM	6/2/06
66	Percent Evaporated at 300 Degrees F D86	79.2	Volume Percent			MM	6/2/06
48	Aromatics in Gasoline MSD D5769	30.59	Volume Percent			TW	6/8/06
49	Olefins in by FIA D1319	11.9	Volume Percent			NST	7/12/06
64	Benzene in Gasoline D3606	1.38	Volume Percent			TW	6/7/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/5/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/5/06
57	TAME by D5599	0.00	Volume Percent			TS	6/5/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/5/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/5/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/5/06
46	Aromatics by FIA D1319	30.1	Volume Percent			NST	7/12/06
63	Benzene in Gasoline by GC/MSD D5769	1.37	Volume Percent			TW	6/8/06
630	Toluene in gasoline by MSD D5769	6.46	Volume Percent			TW	6/8/06
69	Specific Gravity @ 60 deg F D4052	0.75573	60/60F			MM	5/31/06
69	Specific Gravity @ 60 deg F D4052	0.75569	60/60F			MM	5/31/06
692	Degrees API D4052	55.75	Degrees API			MM	5/31/06
692	Degrees API D4052	55.74	Degrees API			MM	5/31/06
691	Density @ 60 deg F D4052	0.75499	g/cm-03 @ 60 deg F			MM	5/31/06
691	Density @ 60 deg F D4052	0.75495	g/cm-03 @ 60 deg F			MM	5/31/06
101	Initial Boiling Point D86	98.6	Degrees F			MM	6/2/06
110	10 Percent D86	146.7	Degrees F			MM	6/2/06
150	50 Percent D86	226.9	Degrees F			MM	6/2/06
190	90 Percent D86	342.7	Degrees F			MM	6/2/06
200	End Point D86	433.2	Degrees F			MM	6/2/06
201	Residue D86	0.9	mL			MM	6/2/06
202	Total Recovery D86	98.4	mL			MM	6/2/06

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203	Loss	D86	0.7 mL	MM	6/2/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/5/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/5/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/5/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/5/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/5/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/5/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06

NVFEL Fuel Analysis Report

14565

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 5/25/06.

VOC

Season: Winter

Kansas City Samples-
QJG007(Ks)

FTAG: 14565

Comments:

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/5/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/5/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/5/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/5/06
421	Sulfur in Gasoline D2622	172	Parts Per Million			NST	6/6/06
62	Vapor Pressure by D5191 (Modified)	7.82	PSI			MM	5/26/06
65	Percent Evaporated at 200 Degrees F D86	42.9	Volume Percent			MM	6/2/06
66	Percent Evaporated at 300 Degrees F D86	78.7	Volume Percent			MM	6/2/06
48	Aromatics in Gasoline MSD D5769	26.87	Volume Percent			TW	6/8/06
49	Olefins in by FIA D1319	11.9	Volume Percent			NST	7/12/06
64	Benzene in Gasoline D3606	0.98	Volume Percent			TW	6/7/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/5/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/5/06
57	TAME by D5599	0.00	Volume Percent			TS	6/5/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/5/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/5/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/5/06
46	Aromatics by FIA D1319	26.1	Volume Percent			NST	7/12/06
63	Benzene in Gasoline by GC/MSD D5769	0.98	Volume Percent			TW	6/8/06
630	Toluene in gasoline by MSD D5769	4.96	Volume Percent			TW	6/8/06
69	Specific Gravity @ 60 deg F D4052	0.74648	60/60F			MM	5/31/06
69	Specific Gravity @ 60 deg F D4052	0.74643	60/60F			MM	5/31/06
692	Degrees API D4052	58.07	Degrees API			MM	5/31/06
692	Degrees API D4052	58.06	Degrees API			MM	5/31/06
691	Density @ 60 deg F D4052	0.74575	g/cm-03 @ 60 deg F			MM	5/31/06
691	Density @ 60 deg F D4052	0.74569	g/cm-03 @ 60 deg F			MM	5/31/06
101	Initial Boiling Point D86	94.2	Degrees F			MM	6/2/06
110	10 Percent D86	132.8	Degrees F			MM	6/2/06
150	50 Percent D86	217.8	Degrees F			MM	6/2/06
190	90 Percent D86	344.8	Degrees F			MM	6/2/06
200	End Point D86	428.3	Degrees F			MM	6/2/06
201	Residue D86	1	mL			MM	6/2/06
202	Total Recovery D86	98.3	mL			MM	6/2/06

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NVFEL Fuel Analysis Report

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203	Loss	D86	0.7 mL	MM	6/2/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/5/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/5/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/5/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/5/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/5/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/5/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06

NVFEL Fuel Analysis Report

14566

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 5/25/06.

VOC

Season: Winter

Kansas City Samples-
450FCW(Mo)

FTAG: 14566

Comments: 734; 2-23-05

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/5/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/5/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/5/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/5/06
421	Sulfur in Gasoline D2622	157	Parts Per Million			NST	6/6/06
62	Vapor Pressure by D5191 (Modified)	13.45	PSI			MM	5/26/06
65	Percent Evaporated at 200 Degrees F D86	53.2	Volume Percent			MM	6/2/06
66	Percent Evaporated at 300 Degrees F D86	85.5	Volume Percent			MM	6/2/06
48	Aromatics in Gasoline MSD D5769	21.55	Volume Percent			TW	6/8/06
49	Olefins in by FIA D1319	7.8	Volume Percent			NST	7/12/06
64	Benzene in Gasoline D3606	1.10	Volume Percent			TW	6/7/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/5/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/5/06
57	TAME by D5599	0.00	Volume Percent			TS	6/5/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/5/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/5/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/5/06
46	Aromatics by FIA D1319	20.2	Volume Percent			NST	7/12/06
63	Benzene in Gasoline by GC/MSD D5769	1.1	Volume Percent			TW	6/8/06
630	Toluene in gasoline by MSD D5769	5.09	Volume Percent			TW	6/8/06
69	Specific Gravity @ 60 deg F D4052	0.72445	60/60F			MM	5/31/06
69	Specific Gravity @ 60 deg F D4052	0.72445	60/60F			MM	5/31/06
692	Degrees API D4052	63.82	Degrees API			MM	5/31/06
692	Degrees API D4052	63.82	Degrees API			MM	5/31/06
691	Density @ 60 deg F D4052	0.72373	g/cm-03 @ 60 deg F			MM	5/31/06
691	Density @ 60 deg F D4052	0.72373	g/cm-03 @ 60 deg F			MM	5/31/06
101	Initial Boiling Point D86	82	Degrees F			MM	6/2/06
110	10 Percent D86	103	Degrees F			MM	6/2/06
150	50 Percent D86	191.8	Degrees F			MM	6/2/06
190	90 Percent D86	323.7	Degrees F			MM	6/2/06
200	End Point D86	416.2	Degrees F			MM	6/2/06
201	Residue D86	1	mL			MM	6/2/06
202	Total Recovery D86	97.6	mL			MM	6/2/06

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203	Loss	D86	1.4 mL	MM	6/2/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/5/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/5/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/5/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/5/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/5/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/5/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 5/25/06.

Season: Winter

Kansas City Samples-
QIS160(Ks)

FTAG: 14567

Comments: Label partially obliterated.

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/5/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/5/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/5/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/5/06
421	Sulfur in Gasoline D2622	287	Parts Per Million		NST	6/6/06
62	Vapor Pressure by D5191 (Modified)	5.4	PSI		MM	5/26/06
65	Percent Evaporated at 200 Degrees F D86	30.8	Volume Percent		MM	6/2/06
66	Percent Evaporated at 300 Degrees F D86	80.6	Volume Percent		MM	6/2/06
48	Aromatics in Gasoline MSD D5769	31.96	Volume Percent		TW	6/8/06
49	Olefins in by FIA D1319	8.9	Volume Percent		NST	7/12/06
64	Benzene in Gasoline D3606	1.57	Volume Percent		TW	6/7/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/5/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/5/06
57	TAME by D5599	0.00	Volume Percent		TS	6/5/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/5/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/5/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/5/06
630	Toluene in gasoline by MSD D5769	7.51	Volume Percent		TW	6/8/06
63	Benzene in Gasoline by GC/MSD D5769	1.56	Volume Percent		TW	6/8/06
46	Aromatics by FIA D1319	30.7	Volume Percent		NST	7/12/06
69	Specific Gravity @ 60 deg F D4052	0.75983	60/60F		MM	5/31/06
69	Specific Gravity @ 60 deg F D4052	0.75975	60/60F		MM	5/31/06
692	Degrees API D4052	54.75	Degrees API		MM	5/31/06
692	Degrees API D4052	54.73	Degrees API		MM	5/31/06
691	Density @ 60 deg F D4052	0.75908	g/cm-03 @ 60 deg F		MM	5/31/06
691	Density @ 60 deg F D4052	0.759	g/cm-03 @ 60 deg F		MM	5/31/06
101	Initial Boiling Point D86	104.4	Degrees F		MM	6/2/06
110	10 Percent D86	158.8	Degrees F		MM	6/2/06
150	50 Percent D86	234.6	Degrees F		MM	6/2/06
190	90 Percent D86	333.3	Degrees F		MM	6/2/06
200	End Point D86	405.5	Degrees F		MM	6/2/06
201	Residue D86	1.1	mL		MM	6/2/06
202	Total Recovery D86	98.3	mL		MM	6/2/06

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203	Loss	D86	0.6 mL	MM	6/2/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/5/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/5/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/5/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/5/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/5/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/5/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/5/06

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 5/25/2006.

VOC

Season: Winter

Kansas City Samples- FTAG: 14568 Comments: (600); 1/26/05
20430(Ks)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/5/2006
552	MTBE by D5599	0.00	Oxy Percent		TS	6/5/2006
562	ETBE by D5599	0.00	Oxy Percent		TS	6/5/2006
562	ETBE by D5599	0.00	Oxy Percent		TS	6/5/2006
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/5/2006
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/5/2006
572	TAME by D5599	0.00	Oxy Percent		TS	6/5/2006
572	TAME by D5599	0.00	Oxy Percent		TS	6/5/2006
421	Sulfur in Gasoline D2622	379	Parts Per Million		NST	6/6/2006
62	Vapor Pressure by D5191 (Modified)	13.56	PS I		MM	5/26/2006
65	Percent Evaporated at 200 Degrees F D86	49.1	Volume Percent		MM	6/2/2006
66	Percent Evaporated at 300 Degrees F D86	84.9	Volume Percent		MM	6/2/2006
48	Aromatics in Gasoline MSD D5769	22.67	Volume Percent		TW	6/8/2006
49	Olefins in by FIA D1319	8.4	Volume Percent		NST	7/25/2006
64	Benzene in Gasoline D3606	1.19	Volume Percent		TW	6/7/2006
532	Ethanol by D5599	0.00	Volume Percent		TS	6/5/2006
57	TAME by D5599	0.00	Volume Percent		TS	6/5/2006
57	TAME by D5599	0.00	Volume Percent		TS	6/5/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/5/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/5/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/5/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/5/2006
55	MTBE by D5599	0.00	Volume Percent		TS	6/5/2006
55	MTBE by D5599	0.00	Volume Percent		TS	6/5/2006
532	Ethanol by D5599	0.00	Volume Percent		TS	6/5/2006
56	ETBE by D5599	0.00	Volume Percent		TS	6/5/2006
56	ETBE by D5599	0.00	Volume Percent		TS	6/5/2006
63	Benzene in Gasoline by GC/MSD D5769	1.2	Volume Percent		TW	6/8/2006
46	Aromatics by FIA D1319	21.5	Volume Percent		NST	7/25/2006
630	Toluene in gasoline by MSD D5769	5.22	Volume Percent		TW	6/8/2006
69	Specific Gravity @ 60 deg F D4052	0.727	60/60F		MM	5/31/2006
69	Specific Gravity @ 60 deg F D4052	0.72691	60/60F		MM	5/31/2006
692	Degrees API D4052	63.14	Degrees API		MM	5/31/2006

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692	Degrees API	D4052	63.16 Degrees API	MM	5/31/2006
691	Density @ 60 deg F	D4052	0.72628 g/cm-03 @ 60 deg F	MM	5/31/2006
691	Density @ 60 deg F	D4052	0.72619 g/cm-03 @ 60 deg F	MM	5/31/2006
101	Initial Boiling Point	D86	81.7 Degrees F	MM	6/2/2006
110	10 Percent	D86	103.8 Degrees F	MM	6/2/2006
150	50 Percent	D86	201.8 Degrees F	MM	6/2/2006
190	90 Percent	D86	321.3 Degrees F	MM	6/2/2006
200	End Point	D86	393.8 Degrees F	MM	6/2/2006
201	Residue	D86	1.2 mL	MM	6/2/2006
202	Total Recovery	D86	97.3 mL	MM	6/2/2006
203	Loss	D86	1.5 mL	MM	6/2/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	6/5/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	6/5/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/5/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/5/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/5/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/5/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/5/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/5/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/5/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/5/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	6/5/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	6/5/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/5/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/5/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/5/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/5/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/5/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/5/2006

NVFEL Fuel Analysis Report

14569

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 5/25/2006.

VOC

Season: Winter

Kansas City Samples-
QBI693(Mo)

FTAG: 14569

Comments: 780; 3-5-05

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/8/2006
562	ETBE by D5599	0.00	Oxy Percent		TS	6/8/2006
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/8/2006
572	TAME by D5599	0.00	Oxy Percent		TS	6/8/2006
421	Sulfur in Gasoline D2622	136	Parts Per Million		NST	6/6/2006
421	Sulfur in Gasoline D2622	140	Parts Per Million		NST	6/6/2006
62	Vapor Pressure by D5191 (Modified)	12.02	PS I		MM	5/26/2006
65	Percent Evaporated at 200 Degrees F D86	51.7	Volume Percent		MM	6/2/2006
66	Percent Evaporated at 300 Degrees F D86	82.8	Volume Percent		MM	6/2/2006
48	Aromatics in Gasoline MSD D5769	24.06	Volume Percent		TW	6/8/2006
49	Olefins in by FIA D1319	9.3	Volume Percent		NST	7/25/2006
64	Benzene in Gasoline D3606	1.04	Volume Percent		TW	6/7/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/8/2006
55	MTBE by D5599	0.00	Volume Percent		TS	6/8/2006
532	Ethanol by D5599	0.00	Volume Percent		TS	6/8/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/8/2006
57	TAME by D5599	0.00	Volume Percent		TS	6/8/2006
56	ETBE by D5599	0.00	Volume Percent		TS	6/8/2006
46	Aromatics by FIA D1319	23.5	Volume Percent		NST	7/25/2006
630	Toluene in gasoline by MSD D5769	5.05	Volume Percent		TW	6/8/2006
63	Benzene in Gasoline by GC/MSD D5769	1.04	Volume Percent		TW	6/8/2006
69	Specific Gravity @ 60 deg F D4052	0.73215	60/60F		MM	5/31/2006
69	Specific Gravity @ 60 deg F D4052	0.73219	60/60F		MM	5/31/2006
692	Degrees API D4052	61.77	Degrees API		MM	5/31/2006
692	Degrees API D4052	61.76	Degrees API		MM	5/31/2006
691	Density @ 60 deg F D4052	0.73142	g/cm-03 @ 60 deg F		MM	5/31/2006
691	Density @ 60 deg F D4052	0.73147	g/cm-03 @ 60 deg F		MM	5/31/2006
101	Initial Boiling Point D86	84.4	Degrees F		MM	6/2/2006
110	10 Percent D86	108.9	Degrees F		MM	6/2/2006
150	50 Percent D86	195.8	Degrees F		MM	6/2/2006
190	90 Percent D86	332.3	Degrees F		MM	6/2/2006
200	End Point D86	408	Degrees F		MM	6/2/2006
201	Residue D86	1.1	mL		MM	6/2/2006

202	Total Recovery	D86	97.6 mL	MM	6/2/2006
203	Loss	D86	1.3 mL	MM	6/2/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	6/8/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/8/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/8/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/8/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/8/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	6/8/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/8/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/8/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/8/2006

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 5/25/2006.

Season: Winter

Kansas City Samples-
JO??2Z(Mo)

FTAG: 14570

Comments: #383; 9-??-04; Label partially obliterated.

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/8/2006
562	ETBE by D5599	0.00	Oxy Percent			TS	6/8/2006
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/8/2006
572	TAME by D5599	0.00	Oxy Percent			TS	6/8/2006
421	Sulfur in Gasoline D2622	136	Parts Per Million			NST	6/8/2006
62	Vapor Pressure by D5191 (Modified)	6.54	PS I			MM	5/26/2006
65	Percent Evaporated at 200 Degrees F D86	36.5	Volume Percent			MM	6/2/2006
66	Percent Evaporated at 300 Degrees F D86	80.4	Volume Percent			MM	6/2/2006
48	Aromatics in Gasoline MSD D5769	34.82	Volume Percent			TW	6/8/2006
49	Olefins in by FIA D1319	8	Volume Percent			NST	7/25/2006
64	Benzene in Gasoline D3606	1.76	Volume Percent			TW	6/7/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/8/2006
55	MTBE by D5599	0.00	Volume Percent			TS	6/8/2006
57	TAME by D5599	0.00	Volume Percent			TS	6/8/2006
532	Ethanol by D5599	0.00	Volume Percent			TS	6/8/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/8/2006
56	ETBE by D5599	0.00	Volume Percent			TS	6/8/2006
46	Aromatics by FIA D1319	34.7	Volume Percent			NST	7/25/2006
63	Benzene in Gasoline by GC/MSD D5769	1.74	Volume Percent			TW	6/8/2006
630	Toluene in gasoline by MSD D5769	7.73	Volume Percent			TW	6/8/2006
69	Specific Gravity @ 60 deg F D4052	0.75968	60/60F			MM	5/31/2006
69	Specific Gravity @ 60 deg F D4052	0.75968	60/60F			MM	5/31/2006
692	Degrees API D4052	54.76	Degrees API			MM	5/31/2006
692	Degrees API D4052	54.76	Degrees API			MM	5/31/2006
691	Density @ 60 deg F D4052	0.75893	g/cm-03 @ 60 deg F			MM	5/31/2006
691	Density @ 60 deg F D4052	0.75893	g/cm-03 @ 60 deg F			MM	5/31/2006
101	Initial Boiling Point D86	99.7	Degrees F			MM	6/2/2006
110	10 Percent D86	146.3	Degrees F			MM	6/2/2006
150	50 Percent D86	229.2	Degrees F			MM	6/2/2006
190	90 Percent D86	332.1	Degrees F			MM	6/2/2006
200	End Point D86	400.6	Degrees F			MM	6/2/2006
201	Residue D86	1.1	mL			MM	6/2/2006
202	Total Recovery D86	98.1	mL			MM	6/2/2006

NVFEL Fuel Analysis Report

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203	Loss	D86	0.8 mL	MM	6/2/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	6/8/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/8/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/8/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/8/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/8/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	6/8/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/8/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/8/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/8/2006

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 5/25/2006.

VOC

Season: Winter

Kansas City Samples- FTAG: 14571 Comments: 792; 3-8-05
TBL970(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code: 21	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/8/2006
562	ETBE by D5599	0.00	Oxy Percent		TS	6/8/2006
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/8/2006
572	TAME by D5599	0.00	Oxy Percent		TS	6/8/2006
421	Sulfur in Gasoline D2622	174	Parts Per Million		NST	6/8/2006
62	Vapor Pressure by D5191 (Modified)	11.59	PS I		MM	5/26/2006
65	Percent Evaporated at 200 Degrees F D86	50.5	Volume Percent		MM	6/2/2006
65	Percent Evaporated at 200 Degrees F D86	50.5	Volume Percent		MM	6/2/2006
66	Percent Evaporated at 300 Degrees F D86	83.3	Volume Percent		MM	6/2/2006
66	Percent Evaporated at 300 Degrees F D86	83.4	Volume Percent		MM	6/2/2006
48	Aromatics in Gasoline MSD D5769	24.23	Volume Percent		TW	6/8/2006
49	Olefins in by FIA D1319	9.5	Volume Percent		NST	7/25/2006
64	Benzene in Gasoline D3606	0.97	Volume Percent		TW	6/7/2006
64	Benzene in Gasoline D3606	0.97	Volume Percent		TW	6/7/2006
532	Ethanol by D5599	0.00	Volume Percent		TS	6/8/2006
57	TAME by D5599	0.00	Volume Percent		TS	6/8/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/8/2006
55	MTBE by D5599	0.00	Volume Percent		TS	6/8/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/8/2006
56	ETBE by D5599	0.00	Volume Percent		TS	6/8/2006
46	Aromatics by FIA D1319	22.6	Volume Percent		NST	7/25/2006
630	Toluene in gasoline by MSD D5769	5.38	Volume Percent		TW	6/8/2006
63	Benzene in Gasoline by GC/MSD D5769	0.97	Volume Percent		TW	6/8/2006
69	Specific Gravity @ 60 deg F D4052	0.73273	60/60F		MM	5/31/2006
69	Specific Gravity @ 60 deg F D4052	0.73268	60/60F		MM	5/31/2006
692	Degrees API D4052	61.63	Degrees API		MM	5/31/2006
692	Degrees API D4052	61.61	Degrees API		MM	5/31/2006
691	Density @ 60 deg F D4052	0.73201	g/cm-03 @ 60 deg F		MM	5/31/2006
691	Density @ 60 deg F D4052	0.73196	g/cm-03 @ 60 deg F		MM	5/31/2006
101	Initial Boiling Point D86	86.6	Degrees F		MM	6/2/2006
101	Initial Boiling Point D86	84.8	Degrees F		MM	6/2/2006
110	10 Percent D86	110.8	Degrees F		MM	6/2/2006
110	10 Percent D86	111.1	Degrees F		MM	6/2/2006

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150	50 Percent	D86	199 Degrees F	MM	6/2/2006
150	50 Percent	D86	198.7 Degrees F	MM	6/2/2006
190	90 Percent	D86	328.7 Degrees F	MM	6/2/2006
190	90 Percent	D86	328.9 Degrees F	MM	6/2/2006
200	End Point	D86	411.7 Degrees F	MM	6/2/2006
200	End Point	D86	414.3 Degrees F	MM	6/2/2006
201	Residue	D86	0.9 mL	MM	6/2/2006
201	Residue	D86	1 mL	MM	6/2/2006
202	Total Recovery	D86	97.8 mL	MM	6/2/2006
202	Total Recovery	D86	97.6 mL	MM	6/2/2006
203	Loss	D86	1.2 mL	MM	6/2/2006
203	Loss	D86	1.5 mL	MM	6/2/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	6/8/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/8/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/8/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/8/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/8/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	6/8/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/8/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/8/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/8/2006

NVFEL Fuel Analysis Report

14572

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 5/25/2006.

VOC

Season: Winter

Kansas City Samples- FTAG: 14572 Comments: 868; 3-21-05
 SIY808(Ks)

Test Code	Test Method	Results	Units	Fuel Code:	21	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/8/2006
562	ETBE by D5599	0.00	Oxy Percent			TS	6/8/2006
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/8/2006
572	TAME by D5599	0.00	Oxy Percent			TS	6/8/2006
421	Sulfur in Gasoline D2622	145	Parts Per Million			NST	6/8/2006
62	Vapor Pressure by D5191 (Modified)	11.6	PS I			MM	5/26/2006
65	Percent Evaporated at 200 Degrees F D86	49	Volume Percent			MM	6/6/2006
66	Percent Evaporated at 300 Degrees F D86	82.5	Volume Percent			MM	6/6/2006
48	Aromatics in Gasoline MSD D5769	24.46	Volume Percent			TW	6/8/2006
49	Olefins in by FIA D1319	10.1	Volume Percent			NST	7/25/2006
64	Benzene in Gasoline D3606	1.07	Volume Percent			TW	6/7/2006
59	Weight Percent Oxygen by D5599	0.08	Weight Percent			TS	6/8/2006
57	TAME by D5599	0.00	Volume Percent			TS	6/8/2006
593	Volume Percent Oxygenates by D5599	0.14	Volume Percent			TS	6/8/2006
55	MTBE by D5599	0.00	Volume Percent			TS	6/8/2006
532	Ethanol by D5599	0.00	Volume Percent			TS	6/8/2006
56	ETBE by D5599	0.00	Volume Percent			TS	6/8/2006
46	Aromatics by FIA D1319	22.7	Volume Percent			NST	7/25/2006
63	Benzene in Gasoline by GC/MSD D5769	1.06	Volume Percent			TW	6/8/2006
630	Toluene in gasoline by MSD D5769	5.21	Volume Percent			TW	6/8/2006
69	Specific Gravity @ 60 deg F D4052	0.73535	60/60F			MM	5/31/2006
69	Specific Gravity @ 60 deg F D4052	0.73533	60/60F			MM	5/31/2006
692	Degrees API D4052	60.93	Degrees API			MM	5/31/2006
692	Degrees API D4052	60.93	Degrees API			MM	5/31/2006
691	Density @ 60 deg F D4052	0.73462	g/cm-03 @ 60 deg F			MM	5/31/2006
691	Density @ 60 deg F D4052	0.7346	g/cm-03 @ 60 deg F			MM	5/31/2006
101	Initial Boiling Point D86	84.3	Degrees F			MM	6/6/2006
110	10 Percent D86	112.8	Degrees F			MM	6/6/2006
150	50 Percent D86	202.3	Degrees F			MM	6/6/2006
190	90 Percent D86	332.1	Degrees F			MM	6/6/2006
200	End Point D86	409.9	Degrees F			MM	6/6/2006
201	Residue D86	1.1	mL			MM	6/6/2006
202	Total Recovery D86	97.7	mL			MM	6/6/2006

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203	Loss	D86	1.2 mL	MM	6/6/2006
543	Methanol	by D5599	0.14 Volume Percent	TS	6/8/2006
533	Ethanol	by D4815	8.965607 Volume Percent	TS	
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/8/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/8/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/8/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/8/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	6/8/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/8/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/8/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/8/2006

NVFEL Fuel Analysis Report

14573

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 5/25/06.

Season: Winter

Kansas City Samples- FTAG: 14573 Comments: 779; 3-4-05; Label shows evidence of solvent exposure.
 QGU468(Ks)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/8/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/8/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/8/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/8/06
421	Sulfur in Gasoline D2622	154	Parts Per Million		NST	6/8/06
62	Vapor Pressure by D5191 (Modified)	6.66	PSI		MM	5/26/06
65	Percent Evaporated at 200 Degrees F D86	39.6	Volume Percent		MM	6/6/06
66	Percent Evaporated at 300 Degrees F D86	81.1	Volume Percent		MM	6/6/06
48	Aromatics in Gasoline MSD D5769	27.68	Volume Percent		TW	6/9/06
49	Olefins in by FIA D1319	9.1	Volume Percent		NST	7/27/06
64	Benzene in Gasoline D3606	1.26	Volume Percent		TW	6/7/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/8/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/8/06
57	TAME by D5599	0.00	Volume Percent		TS	6/8/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/8/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/8/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/8/06
46	Aromatics by FIA D1319	27.1	Volume Percent		NST	7/27/06
63	Benzene in Gasoline by GC/MSD D5769	1.27	Volume Percent		TW	6/9/06
630	Toluene in gasoline by MSD D5769	6.37	Volume Percent		TW	6/9/06
69	Specific Gravity @ 60 deg F D4052	0.75118	60/60F		MM	5/31/06
69	Specific Gravity @ 60 deg F D4052	0.75112	60/60F		MM	5/31/06
692	Degrees API D4052	56.88	Degrees API		MM	5/31/06
692	Degrees API D4052	56.87	Degrees API		MM	5/31/06
691	Density @ 60 deg F D4052	0.75038	g/cm-03 @ 60 deg F		MM	5/31/06
691	Density @ 60 deg F D4052	0.75044	g/cm-03 @ 60 deg F		MM	5/31/06
101	Initial Boiling Point D86	98.9	Degrees F		MM	6/6/06
110	10 Percent D86	145.5	Degrees F		MM	6/6/06
150	50 Percent D86	219.1	Degrees F		MM	6/6/06
190	90 Percent D86	340.1	Degrees F		MM	6/6/06
200	End Point D86	425.2	Degrees F		MM	6/6/06
201	Residue D86	0.9	mL		MM	6/6/06
202	Total Recovery D86	98.3	mL		MM	6/6/06

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203	Loss	D86	0.8 mL	MM	6/6/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/8/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/8/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/8/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/8/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/8/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/8/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/8/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/8/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/8/06

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 5/25/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14574 Comments: 778; 3-4-05
 OGU467(Ks)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/8/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/8/06
534	Ethanol by D5599	0.02	Oxy Percent		TS	6/8/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/8/06
421	Sulfur in Gasoline D2622	106	Parts Per Million		NST	6/8/06
62	Vapor Pressure by D5191 (Modified)	9.99	PSI		MM	5/26/06
65	Percent Evaporated at 200 Degrees F D86	48.9	Volume Percent		MM	6/6/06
66	Percent Evaporated at 300 Degrees F D86	83.9	Volume Percent		MM	6/6/06
48	Aromatics in Gasoline MSD D5769	24.73	Volume Percent		TW	6/9/06
48	Aromatics in Gasoline MSD D5769	24.75	Volume Percent		TW	6/9/06
49	Olefins in by FIA D1319	7.3	Volume Percent		NST	7/27/06
64	Benzene in Gasoline D3606	1.00	Volume Percent		TW	6/7/06
593	Volume Percent Oxygenates by D5599	0.05	Volume Percent		TS	6/8/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/8/06
59	Weight Percent Oxygen by D5599	0.02	Weight Percent		TS	6/8/06
532	Ethanol by D5599	0.05	Volume Percent		TS	6/8/06
57	TAME by D5599	0.00	Volume Percent		TS	6/8/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/8/06
630	Toluene in gasoline by MSD D5769	5.74	Volume Percent		TW	6/9/06
63	Benzene in Gasoline by GC/MSD D5769	1.01	Volume Percent		TW	6/9/06
46	Aromatics by FIA D1319	23	Volume Percent		NST	7/27/06
63	Benzene in Gasoline by GC/MSD D5769	1.01	Volume Percent		TW	6/9/06
630	Toluene in gasoline by MSD D5769	5.73	Volume Percent		TW	6/9/06
69	Specific Gravity @ 60 deg F D4052	0.73578	60/60F		MM	5/31/06
69	Specific Gravity @ 60 deg F D4052	0.7358	60/60F		MM	5/31/06
692	Degrees API D4052	60.81	Degrees API		MM	5/31/06
692	Degrees API D4052	60.81	Degrees API		MM	5/31/06
691	Density @ 60 deg F D4052	0.73507	g/cm-03 @ 60 deg F		MM	5/31/06
691	Density @ 60 deg F D4052	0.73505	g/cm-03 @ 60 deg F		MM	5/31/06
101	Initial Boiling Point D86	87.7	Degrees F		MM	6/6/06
110	10 Percent D86	120.1	Degrees F		MM	6/6/06
150	50 Percent D86	202.7	Degrees F		MM	6/6/06
190	90 Percent D86	325.9	Degrees F		MM	6/6/06

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200	End Point	D86	423.2 Degrees F	MM	6/6/06
201	Residue	D86	1 mL	MM	6/6/06
202	Total Recovery	D86	98.1 mL	MM	6/6/06
203	Loss	D86	0.9 mL	MM	6/6/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/8/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/8/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/8/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/8/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/8/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/8/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/8/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/8/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/8/06

10-Aug-06

NVFEL Fuel Analysis Report

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/7/06.

VOC

Season: Winter

Kansas City Samples-24F1 FTAG: 14593

Comments: 935; 4-6-05

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/16/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/16/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/16/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/16/06
421	Sulfur in Gasoline D2622	174	Parts Per Million			NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	8.82	PSI			MM	6/8/06
65	Percent Evaporated at 200 Degrees F D86	44.4	Volume Percent			MM	6/9/06
66	Percent Evaporated at 300 Degrees F D86	80.6	Volume Percent			MM	6/9/06
48	Aromatics in Gasoline MSD D5769	26.3	Volume Percent			TW	6/14/06
48	Aromatics in Gasoline MSD D5769	26.46	Volume Percent			TW	6/13/06
49	Olefins in by FIA D1319	11.4	Volume Percent			RCG	8/9/06
64	Benzene in Gasoline D3606	1.10	Volume Percent			TW	6/14/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/16/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/16/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/16/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/16/06
57	TAME by D5599	0.00	Volume Percent			TS	6/16/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/16/06
630	Toluene in gasoline by MSD D5769	5.61	Volume Percent			TW	6/13/06
46	Aromatics by FIA D1319	24.7	Volume Percent			RCG	8/9/06
63	Benzene in Gasoline by GC/MSD D5769	1.11	Volume Percent			TW	6/14/06
630	Toluene in gasoline by MSD D5769	5.58	Volume Percent			TW	6/14/06
63	Benzene in Gasoline by GC/MSD D5769	1.11	Volume Percent			TW	6/13/06
69	Specific Gravity @ 60 deg F D4052	0.7438	60/60F			MM	6/8/06
69	Specific Gravity @ 60 deg F D4052	0.74383	60/60F			MM	6/8/06
692	Degrees API D4052	58.73	Degrees API			MM	6/8/06
692	Degrees API D4052	58.74	Degrees API			MM	6/8/06
691	Density @ 60 deg F D4052	0.74309	g/cm-03 @ 60 deg F			MM	6/8/06
691	Density @ 60 deg F D4052	0.74306	g/cm-03 @ 60 deg F			MM	6/8/06
101	Initial Boiling Point D86	90.4	Degrees F			MM	6/9/06
110	10 Percent D86	127.4	Degrees F			MM	6/9/06
150	50 Percent D86	213.1	Degrees F			MM	6/9/06
190	90 Percent D86	337.6	Degrees F			MM	6/9/06

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200	End Point	D86	418.8 Degrees F	MM	6/9/06
201	Residue	D86	1 mL	MM	6/9/06
202	Total Recovery	D86	98 mL	MM	6/9/06
203	Loss	D86	1 mL	MM	6/9/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/16/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/16/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/16/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/16/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/16/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/16/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06

NVFEL Fuel Analysis Report

14591

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/7/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14591 Comments: 700; 2-16-05
42453(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/12/06
552	MTBE by D5599	0.00	Oxy Percent			TS	6/12/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/12/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/12/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/12/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/12/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/12/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/12/06
421	Sulfur in Gasoline D2622	346	Parts Per Million			NST	6/15/06
62	Vapor Pressure by D5191 (Modified)	13.3	PSI			MM	6/8/06
65	Percent Evaporated at 200 Degrees F D86	50.8	Volume Percent			MM	6/9/06
65	Percent Evaporated at 200 Degrees F D86	51	Volume Percent			MM	6/9/06
66	Percent Evaporated at 300 Degrees F D86	85	Volume Percent			MM	6/9/06
66	Percent Evaporated at 300 Degrees F D86	85.5	Volume Percent			MM	6/9/06
48	Aromatics in Gasoline MSD D5769	21.81	Volume Percent			TW	6/13/06
49	Olefins in by FIA D1319	10.9	Volume Percent			RCG	8/9/06
64	Benzene in Gasoline D3606	1.18	Volume Percent			TW	6/14/06
64	Benzene in Gasoline D3606	1.18	Volume Percent			TW	6/14/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/12/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/12/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/12/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/12/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/12/06
57	TAME by D5599	0.00	Volume Percent			TS	6/12/06
57	TAME by D5599	0.00	Volume Percent			TS	6/12/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/12/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/12/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/12/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/12/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/12/06
46	Aromatics by FIA D1319	20.1	Volume Percent			RCG	8/9/06
63	Benzene in Gasoline by GC/MSD D5769	1.19	Volume Percent			TW	6/13/06
630	Toluene in gasoline by MSD D5769	5.13	Volume Percent			TW	6/13/06

NVFEL Fuel Analysis Report

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69	Specific Gravity @ 60 deg F	D4052	0.72472 60/60F	MM	6/8/06
69	Specific Gravity @ 60 deg F	D4052	0.72472 60/60F	MM	6/8/06
692	Degrees API	D4052	63.75 Degrees API	MM	6/8/06
692	Degrees API	D4052	63.75 Degrees API	MM	6/8/06
691	Density @ 60 deg F	D4052	0.724 g/cm-03 @ 60 deg F	MM	6/8/06
691	Density @ 60 deg F	D4052	0.724 g/cm-03 @ 60 deg F	MM	6/8/06
101	Initial Boiling Point	D86	78.6 Degrees F	MM	6/9/06
101	Initial Boiling Point	D86	80.9 Degrees F	MM	6/9/06
110	10 Percent	D86	102.8 Degrees F	MM	6/9/06
110	10 Percent	D86	103.5 Degrees F	MM	6/9/06
150	50 Percent	D86	198 Degrees F	MM	6/9/06
150	50 Percent	D86	197.5 Degrees F	MM	6/9/06
190	90 Percent	D86	320.2 Degrees F	MM	6/9/06
190	90 Percent	D86	319.6 Degrees F	MM	6/9/06
200	End Point	D86	398.4 Degrees F	MM	6/9/06
200	End Point	D86	397.3 Degrees F	MM	6/9/06
201	Residue	D86	0.9 mL	MM	6/9/06
201	Residue	D86	1 mL	MM	6/9/06
202	Total Recovery	D86	97.6 mL	MM	6/9/06
202	Total Recovery	D86	97.4 mL	MM	6/9/06
203	Loss	D86	1.5 mL	MM	6/9/06
203	Loss	D86	1.6 mL	MM	6/9/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/12/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/12/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/12/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/12/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/12/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/12/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/12/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/12/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/12/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/12/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/12/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/12/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06

NVFEL Fuel Analysis Report

14590

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/7/06.

Season: Winter

Kansas City Samples- FTAG: 14590 Comments: 667B; 2-9-05
QMY157(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/12/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/12/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/12/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/12/06
421	Sulfur in Gasoline D2622	235	Parts Per Million			NST	6/15/06
62	Vapor Pressure by D5191 (Modified)	14	PSI			MM	6/8/06
65	Percent Evaporated at 200 Degrees F D86	51.1	Volume Percent			MM	6/8/06
66	Percent Evaporated at 300 Degrees F D86	85	Volume Percent			MM	6/8/06
48	Aromatics in Gasoline MSD D5769	22.88	Volume Percent			TW	6/13/06
49	Olefins in by FIA D1319	10.6	Volume Percent			RCG	8/9/06
64	Benzene in Gasoline D3606	1.18	Volume Percent			TW	6/14/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/12/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/12/06
57	TAME by D5599	0.00	Volume Percent			TS	6/12/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/12/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/12/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/12/06
630	Toluene in gasoline by MSD D5769	5.34	Volume Percent			TW	6/13/06
63	Benzene in Gasoline by GC/MSD D5769	1.18	Volume Percent			TW	6/13/06
46	Aromatics by FIA D1319	21.2	Volume Percent			RCG	8/9/06
69	Specific Gravity @ 60 deg F D4052	0.72558	60/60F			MM	6/8/06
69	Specific Gravity @ 60 deg F D4052	0.72557	60/60F			MM	6/8/06
692	Degrees API D4052	63.52	Degrees API			MM	6/8/06
692	Degrees API D4052	63.52	Degrees API			MM	6/8/06
691	Density @ 60 deg F D4052	0.72486	g/cm-03 @ 60 deg F			MM	6/8/06
691	Density @ 60 deg F D4052	0.72485	g/cm-03 @ 60 deg F			MM	6/8/06
101	Initial Boiling Point D86	80.7	Degrees F			MM	6/8/06
110	10 Percent D86	100.4	Degrees F			MM	6/8/06
150	50 Percent D86	197.2	Degrees F			MM	6/8/06
190	90 Percent D86	322.8	Degrees F			MM	6/8/06
200	End Point D86	404.2	Degrees F			MM	6/8/06
201	Residue D86	1	mL			MM	6/8/06
202	Total Recovery D86	97.2	mL			MM	6/8/06

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NVFEL Fuel Analysis Report

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203	Loss	D86	1.8 mL	MM	6/8/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/12/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/12/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/12/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/12/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/12/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/12/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06

NVFEL Fuel Analysis Report

14588

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/7/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14588 Comments: 655; 2-7-05
 VUE539(Ks)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/12/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/12/06
534	Ethanol by D5599	3.35	Oxy Percent		TS	6/12/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/12/06
421	Sulfur in Gasoline D2622	186	Parts Per Million		NST	6/15/06
62	Vapor Pressure by D5191 (Modified)	14.21	PSI		MM	6/8/06
65	Percent Evaporated at 200 Degrees F D86	57.6	Volume Percent		MM	6/8/06
66	Percent Evaporated at 300 Degrees F D86	85.9	Volume Percent		MM	6/8/06
48	Aromatics in Gasoline MSD D5769	20.65	Volume Percent		TW	6/13/06
49	Olefins in by FIA D1319	8.9	Volume Percent		RCG	8/9/06
64	Benzene in Gasoline D3606	1.06	Volume Percent		TW	6/14/06
532	Ethanol by D5599	8.90	Volume Percent		TS	6/12/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/12/06
57	TAME by D5599	0.00	Volume Percent		TS	6/12/06
593	Volume Percent Oxygenates by D5599	8.90	Volume Percent		TS	6/12/06
59	Weight Percent Oxygen by D5599	3.35	Weight Percent		TS	6/12/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/12/06
630	Toluene in gasoline by MSD D5769	4.91	Volume Percent		TW	6/13/06
63	Benzene in Gasoline by GC/MSD D5769	1.08	Volume Percent		TW	6/13/06
46	Aromatics by FIA D1319	19.9	Volume Percent		RCG	8/9/06
69	Specific Gravity @ 60 deg F D4052	0.73207	60/60F		MM	6/8/06
69	Specific Gravity @ 60 deg F D4052	0.73207	60/60F		MM	6/8/06
692	Degrees API D4052	61.79	Degrees API		MM	6/8/06
692	Degrees API D4052	61.79	Degrees API		MM	6/8/06
691	Density @ 60 deg F D4052	0.73135	g/cm-03 @ 60 deg F		MM	6/8/06
691	Density @ 60 deg F D4052	0.73135	g/cm-03 @ 60 deg F		MM	6/8/06
101	Initial Boiling Point D86	83.8	Degrees F		MM	6/8/06
110	10 Percent D86	104.1	Degrees F		MM	6/8/06
150	50 Percent D86	157.8	Degrees F		MM	6/8/06
190	90 Percent D86	320.5	Degrees F		MM	6/8/06
200	End Point D86	401.5	Degrees F		MM	6/8/06
201	Residue D86	0.9	mL		MM	6/8/06
202	Total Recovery D86	97.5	mL		MM	6/8/06

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203	Loss	D86	1.6 mL	MM	6/8/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/12/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/12/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/12/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/12/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/12/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/12/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06

NVFEL Fuel Analysis Report

14589

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/7/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14589 Comments: 667; 2-8-05
 775ESO(Mo)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/12/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/12/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/12/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/12/06
421	Sulfur in Gasoline D2622	178	Parts Per Million		NST	6/15/06
62	Vapor Pressure by D5191 (Modified)	13.29	PSI		MM	6/8/06
65	Percent Evaporated at 200 Degrees F D86	49.4	Volume Percent		MM	6/8/06
66	Percent Evaporated at 300 Degrees F D86	84.5	Volume Percent		MM	6/8/06
48	Aromatics in Gasoline MSD D5769	23.67	Volume Percent		TW	6/13/06
49	Olefins in by FIA D1319	9.5	Volume Percent		RCG	8/9/06
64	Benzene in Gasoline D3606	1.19	Volume Percent		TW	6/14/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/12/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/12/06
57	TAME by D5599	0.00	Volume Percent		TS	6/12/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/12/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/12/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/12/06
630	Toluene in gasoline by MSD D5769	5.46	Volume Percent		TW	6/13/06
63	Benzene in Gasoline by GC/MSD D5769	1.2	Volume Percent		TW	6/13/06
46	Aromatics by FIA D1319	21.8	Volume Percent		RCG	8/9/06
69	Specific Gravity @ 60 deg F D4052	0.72818	60/60F		MM	6/8/06
69	Specific Gravity @ 60 deg F D4052	0.72811	60/60F		MM	6/8/06
692	Degrees API D4052	62.84	Degrees API		MM	6/8/06
692	Degrees API D4052	62.82	Degrees API		MM	6/8/06
691	Density @ 60 deg F D4052	0.72746	g/cm-03 @ 60 deg F		MM	6/8/06
691	Density @ 60 deg F D4052	0.72739	g/cm-03 @ 60 deg F		MM	6/8/06
101	Initial Boiling Point D86	82.9	Degrees F		MM	6/8/06
110	10 Percent D86	104.6	Degrees F		MM	6/8/06
150	50 Percent D86	201.4	Degrees F		MM	6/8/06
190	90 Percent D86	323.7	Degrees F		MM	6/8/06
200	End Point D86	407.1	Degrees F		MM	6/8/06
201	Residue D86	0.9	mL		MM	6/8/06
202	Total Recovery D86	97.4	mL		MM	6/8/06

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203	Loss	D86	1.7 mL	MM	6/8/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/12/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/12/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/12/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/12/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/12/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/12/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06

NVFEL Fuel Analysis Report

14585

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/7/06.

Season: Winter

Kansas City Samples- FTAG: 14585 Comments: 356; 9-20-04
 STJ1M3(Mo)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/12/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/12/06
534	Ethanol by D5599	0.11	Oxy Percent		TS	6/12/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/12/06
421	Sulfur in Gasoline D2622	31	Parts Per Million		NST	6/15/06
62	Vapor Pressure by D5191 (Modified)	8.35	PSI		MM	6/8/06
65	Percent Evaporated at 200 Degrees F D86	45.3	Volume Percent		MM	6/8/06
66	Percent Evaporated at 300 Degrees F D86	77.8	Volume Percent		MM	6/8/06
48	Aromatics in Gasoline MSD D5769	21.63	Volume Percent		TW	6/13/06
49	Olefins in by FIA D1319	5.9	Volume Percent		RCG	8/9/06
64	Benzene in Gasoline D3606	0.44	Volume Percent		TW	6/14/06
532	Ethanol by D5599	0.29	Volume Percent		TS	6/12/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/12/06
57	TAME by D5599	0.00	Volume Percent		TS	6/12/06
593	Volume Percent Oxygenates by D5599	0.29	Volume Percent		TS	6/12/06
59	Weight Percent Oxygen by D5599	0.11	Weight Percent		TS	6/12/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/12/06
630	Toluene in gasoline by MSD D5769	2.09	Volume Percent		TW	6/13/06
63	Benzene in Gasoline by GC/MSD D5769	0.44	Volume Percent		TW	6/13/06
46	Aromatics by FIA D1319	22	Volume Percent		RCG	8/9/06
69	Specific Gravity @ 60 deg F D4052	0.7346	60/60F		MM	6/8/06
69	Specific Gravity @ 60 deg F D4052	0.7346	60/60F		MM	6/8/06
692	Degrees API D4052	61.12	Degrees API		MM	6/8/06
692	Degrees API D4052	61.12	Degrees API		MM	6/8/06
691	Density @ 60 deg F D4052	0.73387	g/cm-03 @ 60 deg F		MM	6/8/06
691	Density @ 60 deg F D4052	0.73387	g/cm-03 @ 60 deg F		MM	6/8/06
101	Initial Boiling Point D86	91.4	Degrees F		MM	6/8/06
110	10 Percent D86	127.3	Degrees F		MM	6/8/06
150	50 Percent D86	212.7	Degrees F		MM	6/8/06
190	90 Percent D86	341.8	Degrees F		MM	6/8/06
200	End Point D86	391.1	Degrees F		MM	6/8/06
201	Residue D86	0.9	mL		MM	6/8/06
202	Total Recovery D86	97.9	mL		MM	6/8/06

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NVFEL Fuel Analysis Report

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203	Loss	D86	1.2 mL	MM	6/8/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/12/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/12/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/12/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/12/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/12/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/12/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06

NVFEL Fuel Analysis Report

14584

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/7/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14584 Comments: 65; 7-27-04
 ASHARK(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/12/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/12/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/12/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/12/06
421	Sulfur in Gasoline D2622	75	Parts Per Million			NST	6/15/06
62	Vapor Pressure by D5191 (Modified)	8.18	PSI			MM	6/8/06
65	Percent Evaporated at 200 Degrees F D86	48.2	Volume Percent			MM	6/8/06
66	Percent Evaporated at 300 Degrees F D86	83.9	Volume Percent			MM	6/8/06
48	Aromatics in Gasoline MSD D5769	19.71	Volume Percent			TW	6/13/06
49	Olefins in by FIA D1319	12	Volume Percent			RCG	8/9/06
64	Benzene in Gasoline D3606	0.75	Volume Percent			TW	6/14/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/12/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/12/06
57	TAME by D5599	0.00	Volume Percent			TS	6/12/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/12/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/12/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/12/06
630	Toluene in gasoline by MSD D5769	4.99	Volume Percent			TW	6/13/06
63	Benzene in Gasoline by GC/MSD D5769	0.75	Volume Percent			TW	6/13/06
46	Aromatics by FIA D1319	19.5	Volume Percent			RCG	8/9/06
69	Specific Gravity @ 60 deg F D4052	0.73044	60/60F			MM	6/8/06
69	Specific Gravity @ 60 deg F D4052	0.73041	60/60F			MM	6/8/06
692	Degrees API D4052	62.23	Degrees API			MM	6/8/06
692	Degrees API D4052	62.22	Degrees API			MM	6/8/06
691	Density @ 60 deg F D4052	0.72972	g/cm-03 @ 60 deg F			MM	6/8/06
691	Density @ 60 deg F D4052	0.72969	g/cm-03 @ 60 deg F			MM	6/8/06
101	Initial Boiling Point D86	92.8	Degrees F			MM	6/8/06
110	10 Percent D86	128.8	Degrees F			MM	6/8/06
150	50 Percent D86	203.6	Degrees F			MM	6/8/06
190	90 Percent D86	336.2	Degrees F			MM	6/8/06
200	End Point D86	427.7	Degrees F			MM	6/8/06
201	Residue D86	1	mL			MM	6/8/06
202	Total Recovery D86	97.9	mL			MM	6/8/06

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NVFEL Fuel Analysis Report

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203	Loss	D86	1.1 mL	MM	6/8/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/12/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/12/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/12/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/12/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/12/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/12/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06

NVFEL Fuel Analysis Report

14582

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/7/06.

Season: Winter

Kansas City Samples- FTAG: 14582 Comments: 17; 7/17/04
SHU066(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/12/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/12/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/12/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/12/06
421	Sulfur in Gasoline D2622	33	Parts Per Million			NST	6/15/06
62	Vapor Pressure by D5191 (Modified)	6.61	PSI			MM	6/8/06
65	Percent Evaporated at 200 Degrees F D86	32.7	Volume Percent			MM	6/8/06
66	Percent Evaporated at 300 Degrees F D86	82.4	Volume Percent			MM	6/8/06
48	Aromatics in Gasoline MSD D5769	37.76	Volume Percent			TW	6/13/06
49	Olefins in by FIA D1319	6.6	Volume Percent			RCG	8/8/06
64	Benzene in Gasoline D3606	0.68	Volume Percent			TW	6/14/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/12/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/12/06
57	TAME by D5599	0.00	Volume Percent			TS	6/12/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/12/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/12/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/12/06
630	Toluene in gasoline by MSD D5769	15.3	Volume Percent			TW	6/13/06
63	Benzene in Gasoline by GC/MSD D5769	0.67	Volume Percent			TW	6/13/06
46	Aromatics by FIA D1319	37.7	Volume Percent			RCG	8/8/06
69	Specific Gravity @ 60 deg F D4052	0.76351	60/60F			MM	6/8/06
69	Specific Gravity @ 60 deg F D4052	0.76341	60/60F			MM	6/8/06
692	Degrees API D4052	53.85	Degrees API			MM	6/8/06
692	Degrees API D4052	53.83	Degrees API			MM	6/8/06
691	Density @ 60 deg F D4052	0.76276	g/cm-03 @ 60 deg F			MM	6/8/06
691	Density @ 60 deg F D4052	0.76266	g/cm-03 @ 60 deg F			MM	6/8/06
101	Initial Boiling Point D86	94.4	Degrees F			MM	6/8/06
110	10 Percent D86	143.6	Degrees F			MM	6/8/06
150	50 Percent D86	233.8	Degrees F			MM	6/8/06
190	90 Percent D86	332.6	Degrees F			MM	6/8/06
200	End Point D86	416	Degrees F			MM	6/8/06
201	Residue D86	1	mL			MM	6/8/06
202	Total Recovery D86	98	mL			MM	6/8/06

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203	Loss	D86	1 mL	MM	6/8/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/12/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/12/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/12/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/12/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/12/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/12/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06

NVFEL Fuel Analysis Report

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/7/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14583 Comments: 46; 7-23-04
 JO69660Ks

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/12/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/12/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/12/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/12/06
421	Sulfur in Gasoline D2622	123	Parts Per Million			NST	6/15/06
62	Vapor Pressure by D5191 (Modified)	6.51	PSI			MM	6/8/06
65	Percent Evaporated at 200 Degrees F D86	37.7	Volume Percent			MM	6/8/06
66	Percent Evaporated at 300 Degrees F D86	79.9	Volume Percent			MM	6/8/06
48	Aromatics in Gasoline MSD D5769	31.89	Volume Percent			TW	6/13/06
49	Olefins in by FIA D1319	9	Volume Percent			RCG	8/8/06
64	Benzene in Gasoline D3606	1.66	Volume Percent			TW	6/14/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/12/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/12/06
57	TAME by D5599	0.00	Volume Percent			TS	6/12/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/12/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/12/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/12/06
630	Toluene in gasoline by MSD D5769	7.02	Volume Percent			TW	6/13/06
63	Benzene in Gasoline by GC/MSD D5769	1.65	Volume Percent			TW	6/13/06
46	Aromatics by FIA D1319	32.1	Volume Percent			RCG	8/8/06
69	Specific Gravity @ 60 deg F D4052	0.75534	60/60F			MM	6/8/06
69	Specific Gravity @ 60 deg F D4052	0.75533	60/60F			MM	6/8/06
692	Degrees API D4052	55.84	Degrees API			MM	6/8/06
692	Degrees API D4052	55.83	Degrees API			MM	6/8/06
691	Density @ 60 deg F D4052	0.7546	g/cm-03 @ 60 deg F			MM	6/8/06
691	Density @ 60 deg F D4052	0.75458	g/cm-03 @ 60 deg F			MM	6/8/06
101	Initial Boiling Point D86	99.7	Degrees F			MM	6/8/06
110	10 Percent D86	145.5	Degrees F			MM	6/8/06
150	50 Percent D86	226.1	Degrees F			MM	6/8/06
190	90 Percent D86	338.7	Degrees F			MM	6/8/06
200	End Point D86	428.8	Degrees F			MM	6/8/06
201	Residue D86	0.9	mL			MM	6/8/06
202	Total Recovery D86	98.10001	mL			MM	6/8/06

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203	Loss	D86	1 mL	MM	6/8/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/12/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/12/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/12/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/12/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/12/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/12/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06

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NVFEL Fuel Analysis Report

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House
 Owner: EPA Phone: (913) 299-9480
 6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14595 Comments: 215; 2-15-04
 VOX458(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/16/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/16/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/16/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/16/06
421	Sulfur in Gasoline D2622	346	Parts Per Million			NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	6.8	PSI			MM	6/14/06
65	Percent Evaporated at 200 Degrees F D86	35.9	Volume Percent			MM	6/15/06
66	Percent Evaporated at 300 Degrees F D86	80.2	Volume Percent			MM	6/15/06
48	Aromatics in Gasoline MSD D5769	30.45	Volume Percent			TW	6/20/06
49	Olefins in by FIA D1319	11.9	Volume Percent			RCG	8/9/06
64	Benzene in Gasoline D3606	1.40	Volume Percent			TW	6/14/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/16/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/16/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/16/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/16/06
57	TAME by D5599	0.00	Volume Percent			TS	6/16/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/16/06
63	Benzene in Gasoline by GC/MSD D5769	1.42	Volume Percent			TW	6/20/06
46	Aromatics by FIA D1319	29.1	Volume Percent			RCG	8/9/06
630	Toluene in gasoline by MSD D5769	6.95	Volume Percent			TW	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.75513	60/60F			MM	6/14/06
69	Specific Gravity @ 60 deg F D4052	0.75523	60/60F			MM	6/14/06
692	Degrees API D4052	55.86	Degrees API			MM	6/14/06
692	Degrees API D4052	55.88	Degrees API			MM	6/14/06
691	Density @ 60 deg F D4052	0.75439	g/cm-03 @ 60 deg F			MM	6/14/06
691	Density @ 60 deg F D4052	0.75449	g/cm-03 @ 60 deg F			MM	6/14/06
101	Initial Boiling Point D86	98.9	Degrees F			MM	6/15/06
110	10 Percent D86	145.7	Degrees F			MM	6/15/06
150	50 Percent D86	229.2	Degrees F			MM	6/15/06
190	90 Percent D86	331.3	Degrees F			MM	6/15/06
200	End Point D86	405.5	Degrees F			MM	6/15/06
201	Residue D86	1	mL			MM	6/15/06
202	Total Recovery D86	97.89999	mL			MM	6/15/06

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203	Loss	D86	1.1 mL	MM	6/15/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/16/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/16/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/16/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/16/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/16/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/16/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14601 Comments: #120; 8/6/04
554CLW(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/19/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/19/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/19/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/19/06
421	Sulfur in Gasoline D2622	85	Parts Per Million			NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	6.85	PSI			MM	6/14/06
65	Percent Evaporated at 200 Degrees F D86	40.5	Volume Percent			MM	6/16/06
66	Percent Evaporated at 300 Degrees F D86	80.5	Volume Percent			MM	6/16/06
48	Aromatics in Gasoline MSD D5769	31.4	Volume Percent			TW	6/21/06
49	Olefins in by FIA D1319	12.6	Volume Percent			RCG	8/15/06
64	Benzene in Gasoline D3606	1.31	Volume Percent			TW	6/14/06
64	Benzene in Gasoline D3606	1.30	Volume Percent			TW	6/15/06
57	TAME by D5599	0.00	Volume Percent			TS	6/19/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/19/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/19/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/19/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/19/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/19/06
46	Aromatics by FIA D1319	30.4	Volume Percent			RCG	8/15/06
630	Toluene in gasoline by MSD D5769	8.24	Volume Percent			TW	6/21/06
63	Benzene in Gasoline by GC/MSD D5769	1.29	Volume Percent			TW	6/21/06
69	Specific Gravity @ 60 deg F D4052	0.75508	60/60F			MM	6/14/06
69	Specific Gravity @ 60 deg F D4052	0.75506	60/60F			MM	6/14/06
692	Degrees API D4052	55.9	Degrees API			MM	6/14/06
692	Degrees API D4052	55.9	Degrees API			MM	6/14/06
691	Density @ 60 deg F D4052	0.75433	g/cm-03 @ 60 deg F			MM	6/14/06
691	Density @ 60 deg F D4052	0.75431	g/cm-03 @ 60 deg F			MM	6/14/06
101	Initial Boiling Point D86	99.2	Degrees F			MM	6/16/06
110	10 Percent D86	142.6	Degrees F			MM	6/16/06
150	50 Percent D86	220.4	Degrees F			MM	6/16/06
190	90 Percent D86	340.5	Degrees F			MM	6/16/06
200	End Point D86	425.7	Degrees F			MM	6/16/06
201	Residue D86	1.1	mL			MM	6/16/06

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202	Total Recovery	D86	98 mL	MM	6/16/06
203	Loss	D86	0.9 mL	MM	6/16/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/19/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/19/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/19/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/19/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/19/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/19/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06

NVFEL Fuel Analysis Report

14602

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14602 Comments: #154; 8/14/04
703SCZ(Mo)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/16/06
552	MTBE by D5599	0.00	Oxy Percent		TS	6/16/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/16/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/16/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/16/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/16/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/16/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/16/06
421	Sulfur in Gasoline D2622	211	Parts Per Million		NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	6.47	PSI		MM	6/14/06
65	Percent Evaporated at 200 Degrees F D86	36.6	Volume Percent		MM	6/15/06
66	Percent Evaporated at 300 Degrees F D86	80.2	Volume Percent		MM	6/15/06
48	Aromatics in Gasoline MSD D5769	33.17	Volume Percent		TW	6/21/06
49	Olefins in by FIA D1319	10.9	Volume Percent		RCG	8/15/06
64	Benzene in Gasoline D3606	1.63	Volume Percent		TW	6/19/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/16/06
57	TAME by D5599	0.00	Volume Percent		TS	6/16/06
57	TAME by D5599	0.00	Volume Percent		TS	6/16/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/16/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/16/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/16/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/16/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/16/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/16/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/16/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/16/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/16/06
46	Aromatics by FIA D1319	31.4	Volume Percent		RCG	8/15/06
63	Benzene in Gasoline by GC/MSD D5769	1.61	Volume Percent		TW	6/21/06
630	Toluene in gasoline by MSD D5769	7.22	Volume Percent		TW	6/21/06
69	Specific Gravity @ 60 deg F D4052	0.75701	60/60F		MM	6/14/06
69	Specific Gravity @ 60 deg F D4052	0.757	60/60F		MM	6/14/06
692	Degrees API D4052	55.42	Degrees API		MM	6/14/06

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692	Degrees API	D4052	55.42 Degrees API	MM	6/14/06
691	Density @ 60 deg F	D4052	0.75626 g/cm-03 @ 60 deg F	MM	6/14/06
691	Density @ 60 deg F	D4052	0.75625 g/cm-03 @ 60 deg F	MM	6/14/06
101	Initial Boiling Point	D86	99.5 Degrees F	MM	6/15/06
110	10 Percent	D86	146.8 Degrees F	MM	6/15/06
150	50 Percent	D86	228.1 Degrees F	MM	6/15/06
190	90 Percent	D86	333.1 Degrees F	MM	6/15/06
200	End Point	D86	413.8 Degrees F	MM	6/15/06
201	Residue	D86	1 mL	MM	6/15/06
202	Total Recovery	D86	98.1 mL	MM	6/15/06
203	Loss	D86	0.9 mL	MM	6/15/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/16/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/16/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/16/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/16/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/16/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/16/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/16/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/16/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/16/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/16/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/16/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/16/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06

NVFEL Fuel Analysis Report

14603

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/13/06.

Season: Winter

Kansas City Samples- FTAG: 14603 Comments: 179; 8-18-04
 VSU617(Ks)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/19/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/19/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/19/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/19/06
421	Sulfur in Gasoline D2622	261	Parts Per Million		NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	6.47	PSI		MM	6/14/06
65	Percent Evaporated at 200 Degrees F D86	36.3	Volume Percent		MM	6/15/06
66	Percent Evaporated at 300 Degrees F D86	79.9	Volume Percent		MM	6/15/06
48	Aromatics in Gasoline MSD D5769	31.77	Volume Percent		TW	6/21/06
49	Olefins in by FIA D1319	11.8	Volume Percent		RCG	8/15/06
64	Benzene in Gasoline D3606	1.50	Volume Percent		TW	6/19/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/19/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/19/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/19/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/19/06
57	TAME by D5599	0.00	Volume Percent		TS	6/19/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/19/06
63	Benzene in Gasoline by GC/MSD D5769	1.48	Volume Percent		TW	6/21/06
46	Aromatics by FIA D1319	30.8	Volume Percent		RCG	8/15/06
630	Toluene in gasoline by MSD D5769	6.89	Volume Percent		TW	6/21/06
69	Specific Gravity @ 60 deg F D4052	0.75584	60/60F		MM	6/14/06
69	Specific Gravity @ 60 deg F D4052	0.75588	60/60F		MM	6/14/06
692	Degrees API D4052	55.7	Degrees API		MM	6/14/06
692	Degrees API D4052	55.71	Degrees API		MM	6/14/06
691	Density @ 60 deg F D4052	0.7551	g/cm-03 @ 60 deg F		MM	6/14/06
691	Density @ 60 deg F D4052	0.75514	g/cm-03 @ 60 deg F		MM	6/14/06
101	Initial Boiling Point D86	100.2	Degrees F		MM	6/15/06
110	10 Percent D86	146.3	Degrees F		MM	6/15/06
150	50 Percent D86	228.9	Degrees F		MM	6/15/06
190	90 Percent D86	334.2	Degrees F		MM	6/15/06
200	End Point D86	414.3	Degrees F		MM	6/15/06
201	Residue D86	1.1	mL		MM	6/15/06
202	Total Recovery D86	97.8	mL		MM	6/15/06

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203	Loss	D86	1.1 mL	MM	6/15/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/19/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/19/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/19/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/19/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/19/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/19/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06

NVFEL Fuel Analysis Report

14604

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14604 Comments: 322; 9-15-04
 VVI325(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/19/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/19/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/19/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/19/06
421	Sulfur in Gasoline D2622	137	Parts Per Million			NST	6/20/06
421	Sulfur in Gasoline D2622	136	Parts Per Million			NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	6.63	PSI			MM	6/14/06
65	Percent Evaporated at 200 Degrees F D86	37.6	Volume Percent			MM	6/15/06
66	Percent Evaporated at 300 Degrees F D86	80.5	Volume Percent			MM	6/15/06
48	Aromatics in Gasoline MSD D5769	34.38	Volume Percent			TW	6/21/06
49	Olefins in by FIA D1319	9.6	Volume Percent			RCG	8/15/06
64	Benzene in Gasoline D3606	1.79	Volume Percent			TW	6/19/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/19/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/19/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/19/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/19/06
57	TAME by D5599	0.00	Volume Percent			TS	6/19/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/19/06
63	Benzene in Gasoline by GC/MSD D5769	1.77	Volume Percent			TW	6/21/06
46	Aromatics by FIA D1319	33.4	Volume Percent			RCG	8/15/06
630	Toluene in gasoline by MSD D5769	7.68	Volume Percent			TW	6/21/06
69	Specific Gravity @ 60 deg F D4052	0.75744	60/60F			MM	6/14/06
69	Specific Gravity @ 60 deg F D4052	0.7575	60/60F			MM	6/14/06
692	Degrees API D4052	55.3	Degrees API			MM	6/14/06
692	Degrees API D4052	55.31	Degrees API			MM	6/14/06
691	Density @ 60 deg F D4052	0.75669	g/cm-03 @ 60 deg F			MM	6/14/06
691	Density @ 60 deg F D4052	0.75675	g/cm-03 @ 60 deg F			MM	6/14/06
101	Initial Boiling Point D86	100.1	Degrees F			MM	6/15/06
110	10 Percent D86	143.6	Degrees F			MM	6/15/06
150	50 Percent D86	227.1	Degrees F			MM	6/15/06
190	90 Percent D86	329.4	Degrees F			MM	6/15/06
200	End Point D86	406.3	Degrees F			MM	6/15/06
201	Residue D86	1.1	mL			MM	6/15/06

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202	Total Recovery	D86	97.8 mL	MM	6/15/06
203	Loss	D86	1.1 mL	MM	6/15/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/19/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/19/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/19/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/19/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/19/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/19/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06

NVFEL Fuel Analysis Report

14605

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14605 Comments: 795; 3-9-05
 532NZX(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/19/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/19/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/19/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/19/06
421	Sulfur in Gasoline D2622	169	Parts Per Million			NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	12.79	PSI			MM	6/14/06
65	Percent Evaporated at 200 Degrees F D86	51.1	Volume Percent			MM	6/16/06
66	Percent Evaporated at 300 Degrees F D86	84.7	Volume Percent			MM	6/16/06
48	Aromatics in Gasoline MSD D5769	22.64	Volume Percent			TW	6/21/06
49	Olefins in by FIA D1319	9.2	Volume Percent			RCG	8/15/06
64	Benzene in Gasoline D3606	1.08	Volume Percent			TW	6/19/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/19/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/19/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/19/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/19/06
57	TAME by D5599	0.00	Volume Percent			TS	6/19/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/19/06
63	Benzene in Gasoline by GC/MSD D5769	1.07	Volume Percent			TW	6/21/06
46	Aromatics by FIA D1319	20.5	Volume Percent			RCG	8/15/06
630	Toluene in gasoline by MSD D5769	5.24	Volume Percent			TW	6/21/06
69	Specific Gravity @ 60 deg F D4052	0.72674	60/60F			MM	6/14/06
69	Specific Gravity @ 60 deg F D4052	0.72676	60/60F			MM	6/14/06
692	Degrees API D4052	63.2	Degrees API			MM	6/14/06
692	Degrees API D4052	63.21	Degrees API			MM	6/14/06
691	Density @ 60 deg F D4052	0.72602	g/cm-03 @ 60 deg F			MM	6/14/06
691	Density @ 60 deg F D4052	0.72604	g/cm-03 @ 60 deg F			MM	6/14/06
101	Initial Boiling Point D86	84.2	Degrees F			MM	6/16/06
110	10 Percent D86	106	Degrees F			MM	6/16/06
150	50 Percent D86	197	Degrees F			MM	6/16/06
190	90 Percent D86	325.1	Degrees F			MM	6/16/06
200	End Point D86	412.6	Degrees F			MM	6/16/06
201	Residue D86	1.1	mL			MM	6/16/06
202	Total Recovery D86	97.5	mL			MM	6/16/06

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203	Loss	D86	1.4 mL	MM	6/16/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/19/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/19/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/19/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/19/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/19/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/19/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/06.

VOC

Season: Winter

Kansas City Samples-
453FEX(Mo)

FTAG: 14606

Comments: 835; 3-16-05

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/19/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/19/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/19/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/19/06
421	Sulfur in Gasoline D2622	153	Parts Per Million			NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	11.43	PSI			MM	6/14/06
65	Percent Evaporated at 200 Degrees F D86	49.7	Volume Percent			MM	6/16/06
66	Percent Evaporated at 300 Degrees F D86	82.6	Volume Percent			MM	6/16/06
48	Aromatics in Gasoline MSD D5769	25.01	Volume Percent			TW	6/21/06
49	Olefins in by FIA D1319	11.2	Volume Percent			RCG	8/15/06
64	Benzene in Gasoline D3606	1.05	Volume Percent			TW	6/19/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/19/06
57	TAME by D5599	0.00	Volume Percent			TS	6/19/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/19/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/19/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/19/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/19/06
63	Benzene in Gasoline by GC/MSD D5769	1.05	Volume Percent			TW	6/21/06
630	Toluene in gasoline by MSD D5769	5.24	Volume Percent			TW	6/21/06
46	Aromatics by FIA D1319	22.9	Volume Percent			RCG	8/15/06
69	Specific Gravity @ 60 deg F D4052	0.73345	60/60F			MM	6/14/06
69	Specific Gravity @ 60 deg F D4052	0.73338	60/60F			MM	6/14/06
692	Degrees API D4052	61.44	Degrees API			MM	6/14/06
692	Degrees API D4052	61.42	Degrees API			MM	6/14/06
691	Density @ 60 deg F D4052	0.73266	g/cm-03 @ 60 deg F			MM	6/14/06
691	Density @ 60 deg F D4052	0.73273	g/cm-03 @ 60 deg F			MM	6/14/06
101	Initial Boiling Point D86	84.6	Degrees F			MM	6/16/06
110	10 Percent D86	111	Degrees F			MM	6/16/06
150	50 Percent D86	200.8	Degrees F			MM	6/16/06
190	90 Percent D86	329.1	Degrees F			MM	6/16/06
200	End Point D86	405.3	Degrees F			MM	6/16/06
201	Residue D86	1.1	mL			MM	6/16/06
202	Total Recovery D86	97.3	mL			MM	6/16/06

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203	Loss	D86	1.6 mL	MM	6/16/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/19/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/19/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/19/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/19/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/19/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/19/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06

NVFEL Fuel Analysis Report

14586

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/7/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14586 Comments: 576; 1-20-05
VPB730(Ks)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/12/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/12/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/12/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/12/06
421	Sulfur in Gasoline D2622	172	Parts Per Million			NST	6/15/06
62	Vapor Pressure by D5191 (Modified)	13.36	PSI			MM	6/8/06
65	Percent Evaporated at 200 Degrees F D86	54.1	Volume Percent			MM	6/8/06
66	Percent Evaporated at 300 Degrees F D86	84.8	Volume Percent			MM	6/8/06
48	Aromatics in Gasoline MSD D5769	23.58	Volume Percent			TW	6/13/06
49	Olefins in by FIA D1319	12	Volume Percent			RCG	8/14/06
64	Benzene in Gasoline D3606	1.28	Volume Percent			TW	6/14/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/12/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/12/06
57	TAME by D5599	0.00	Volume Percent			TS	6/12/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/12/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/12/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/12/06
630	Toluene in gasoline by MSD D5769	6.69	Volume Percent			TW	6/13/06
63	Benzene in Gasoline by GC/MSD D5769	1.28	Volume Percent			TW	6/13/06
46	Aromatics by FIA D1319	21.5	Volume Percent			RCG	8/14/06
69	Specific Gravity @ 60 deg F D4052	0.72631	60/60F			MM	6/8/06
69	Specific Gravity @ 60 deg F D4052	0.72624	60/60F			MM	6/8/06
692	Degrees API D4052	63.34	Degrees API			MM	6/8/06
692	Degrees API D4052	63.32	Degrees API			MM	6/8/06
691	Density @ 60 deg F D4052	0.72559	g/cm-03 @ 60 deg F			MM	6/8/06
691	Density @ 60 deg F D4052	0.72552	g/cm-03 @ 60 deg F			MM	6/8/06
101	Initial Boiling Point D86	81.3	Degrees F			MM	6/8/06
110	10 Percent D86	101	Degrees F			MM	6/8/06
150	50 Percent D86	187.9	Degrees F			MM	6/8/06
190	90 Percent D86	323.9	Degrees F			MM	6/8/06
200	End Point D86	414.2	Degrees F			MM	6/8/06
201	Residue D86	0.7	mL			MM	6/8/06
202	Total Recovery D86	97.1	mL			MM	6/8/06

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203	Loss	D86	2.2 mL	MM	6/8/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/12/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/12/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/12/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/12/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/12/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/12/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/7/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14587 Comments: 611; 1-28-05
 568FFA(Mo)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/12/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/12/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/12/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/12/06
421	Sulfur in Gasoline D2622	113	Parts Per Million		NST	6/15/06
62	Vapor Pressure by D5191 (Modified)	13.31	PSI		MM	6/8/06
65	Percent Evaporated at 200 Degrees F D86	49.7	Volume Percent		MM	6/8/06
66	Percent Evaporated at 300 Degrees F D86	82.9	Volume Percent		MM	6/8/06
48	Aromatics in Gasoline MSD D5769	23.14	Volume Percent		TW	6/13/06
49	Olefins in by FIA D1319	10.4	Volume Percent		RCG	8/14/06
64	Benzene in Gasoline D3606	0.92	Volume Percent		TW	6/14/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/12/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/12/06
57	TAME by D5599	0.00	Volume Percent		TS	6/12/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/12/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/12/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/12/06
630	Toluene in gasoline by MSD D5769	4.85	Volume Percent		TW	6/13/06
63	Benzene in Gasoline by GC/MSD D5769	0.92	Volume Percent		TW	6/13/06
46	Aromatics by FIA D1319	21.3	Volume Percent		RCG	8/14/06
69	Specific Gravity @ 60 deg F D4052	0.72738	60/60F		MM	6/8/06
69	Specific Gravity @ 60 deg F D4052	0.72738	60/60F		MM	6/8/06
692	Degrees API D4052	63.03	Degrees API		MM	6/8/06
692	Degrees API D4052	63.03	Degrees API		MM	6/8/06
691	Density @ 60 deg F D4052	0.72666	g/cm-03 @ 60 deg F		MM	6/8/06
691	Density @ 60 deg F D4052	0.72666	g/cm-03 @ 60 deg F		MM	6/8/06
101	Initial Boiling Point D86	81.8	Degrees F		MM	6/8/06
110	10 Percent D86	102.7	Degrees F		MM	6/8/06
150	50 Percent D86	201.1	Degrees F		MM	6/8/06
190	90 Percent D86	332.2	Degrees F		MM	6/8/06
200	End Point D86	418.6	Degrees F		MM	6/8/06
201	Residue D86	0.9	mL		MM	6/8/06
202	Total Recovery D86	97.4	mL		MM	6/8/06

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203	Loss	D86	1.7 mL	MM	6/8/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/12/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/12/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/12/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/12/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/12/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/12/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/12/06

NVFEL Fuel Analysis Report

14596

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14596 Comments: #20; 7-19-04
 S1Q677(Ka)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/16/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/16/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/16/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/16/06
421	Sulfur in Gasoline D2622	163	Parts Per Million			NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	7.56	PSI			MM	6/14/06
65	Percent Evaporated at 200 Degrees F D86	43.3	Volume Percent			MM	6/15/06
66	Percent Evaporated at 300 Degrees F D86	80.9	Volume Percent			MM	6/15/06
48	Aromatics in Gasoline MSD D5769	27.43	Volume Percent			TW	6/20/06
49	Olefins in by FIA D1319	10.4	Volume Percent			RCG	8/14/06
64	Benzene in Gasoline D3606	1.37	Volume Percent			TW	6/14/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/16/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/16/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/16/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/16/06
57	TAME by D5599	0.00	Volume Percent			TS	6/16/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/16/06
63	Benzene in Gasoline by GC/MSD D5769	1.39	Volume Percent			TW	6/20/06
46	Aromatics by FIA D1319	28.4	Volume Percent			RCG	8/14/06
630	Toluene in gasoline by MSD D5769	6.2	Volume Percent			TW	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.7465	60/60F			MM	6/14/06
69	Specific Gravity @ 60 deg F D4052	0.74655	60/60F			MM	6/14/06
692	Degrees API D4052	58.04	Degrees API			MM	6/14/06
692	Degrees API D4052	58.05	Degrees API			MM	6/14/06
691	Density @ 60 deg F D4052	0.74577	g/cm-03 @ 60 deg F			MM	6/14/06
691	Density @ 60 deg F D4052	0.74581	g/cm-03 @ 60 deg F			MM	6/14/06
101	Initial Boiling Point D86	96.2	Degrees F			MM	6/15/06
110	10 Percent D86	134.8	Degrees F			MM	6/15/06
150	50 Percent D86	215.8	Degrees F			MM	6/15/06
190	90 Percent D86	336.1	Degrees F			MM	6/15/06
200	End Point D86	420.6	Degrees F			MM	6/15/06
201	Residue D86	1	mL			MM	6/15/06
202	Total Recovery D86	97.9	mL			MM	6/15/06

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203	Loss	D86	1.1 mL	MM	6/15/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/16/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/16/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/16/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/16/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/16/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/16/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06

NVFEL Fuel Analysis Report

14597

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14597 Comments: 32; 7-21-04
JUP4TR(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/16/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/16/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/16/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/16/06
421	Sulfur in Gasoline D2622	114	Parts Per Million			NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	6.14	PSI			MM	6/14/06
65	Percent Evaporated at 200 Degrees F D86	36.8	Volume Percent			MM	6/15/06
66	Percent Evaporated at 300 Degrees F D86	75.3	Volume Percent			MM	6/15/06
48	Aromatics in Gasoline MSD D5769	36.93	Volume Percent			TW	6/20/06
49	Olefins in by FIA D1319	10.2	Volume Percent			RCG	8/14/06
49	Olefins in by FIA D1319	9.9	Volume Percent			RCG	8/14/06
64	Benzene in Gasoline D3606	2.44	Volume Percent			TW	6/14/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/16/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/16/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/16/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/16/06
57	TAME by D5599	0.00	Volume Percent			TS	6/16/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/16/06
46	Aromatics by FIA D1319	35.8	Volume Percent			RCG	8/14/06
46	Aromatics by FIA D1319	36.8	Volume Percent			RCG	8/14/06
630	Toluene in gasoline by MSD D5769	9.93	Volume Percent			TW	6/20/06
63	Benzene in Gasoline by GC/MSD D5769	2.47	Volume Percent			TW	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.76624	60/60F			MM	6/14/06
69	Specific Gravity @ 60 deg F D4052	0.7663	60/60F			MM	6/14/06
692	Degrees API D4052	53.15	Degrees API			MM	6/14/06
692	Degrees API D4052	53.17	Degrees API			MM	6/14/06
691	Density @ 60 deg F D4052	0.76549	g/cm-03 @ 60 deg F			MM	6/14/06
691	Density @ 60 deg F D4052	0.76554	g/cm-03 @ 60 deg F			MM	6/14/06
101	Initial Boiling Point D86	103.6	Degrees F			MM	6/15/06
110	10 Percent D86	147.5	Degrees F			MM	6/15/06
150	50 Percent D86	228.4	Degrees F			MM	6/15/06
190	90 Percent D86	350.5	Degrees F			MM	6/15/06
200	End Point D86	419.4	Degrees F			MM	6/15/06

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201	Residue	D86	0.9 mL	MM	6/15/06
202	Total Recovery	D86	98.2 mL	MM	6/15/06
203	Loss	D86	0.9 mL	MM	6/15/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/16/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/16/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/16/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/16/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/16/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/16/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06

NVFEL Fuel Analysis Report

14598

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14598 Comments: 64; 7-27-04
670DEB(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/16/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/16/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/16/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/16/06
421	Sulfur in Gasoline D2622	102	Parts Per Million			NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	6.54	PSI			MM	6/14/06
65	Percent Evaporated at 200 Degrees F D86	38.2	Volume Percent			MM	6/15/06
66	Percent Evaporated at 300 Degrees F D86	79.5	Volume Percent			MM	6/15/06
48	Aromatics in Gasoline MSD D5769	29.11	Volume Percent			TW	6/20/06
49	Olefins in by FIA D1319	10.3	Volume Percent			RCG	8/14/06
64	Benzene in Gasoline D3606	1.41	Volume Percent			TW	6/14/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/16/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/16/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/16/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/16/06
57	TAME by D5599	0.00	Volume Percent			TS	6/16/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/16/06
63	Benzene in Gasoline by GC/MSD D5769	1.44	Volume Percent			TW	6/20/06
46	Aromatics by FIA D1319	29.5	Volume Percent			RCG	8/14/06
630	Toluene in gasoline by MSD D5769	6.25	Volume Percent			TW	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.75185	60/60F			MM	6/14/06
69	Specific Gravity @ 60 deg F D4052	0.7519	60/60F			MM	6/14/06
692	Degrees API D4052	56.69	Degrees API			MM	6/14/06
692	Degrees API D4052	56.7	Degrees API			MM	6/14/06
691	Density @ 60 deg F D4052	0.75111	g/cm-03 @ 60 deg F			MM	6/14/06
691	Density @ 60 deg F D4052	0.75116	g/cm-03 @ 60 deg F			MM	6/14/06
101	Initial Boiling Point D86	101.5	Degrees F			MM	6/15/06
110	10 Percent D86	144.8	Degrees F			MM	6/15/06
150	50 Percent D86	224.5	Degrees F			MM	6/15/06
190	90 Percent D86	340.3	Degrees F			MM	6/15/06
200	End Point D86	434.1	Degrees F			MM	6/15/06
201	Residue D86	1	mL			MM	6/15/06
202	Total Recovery D86	98	mL			MM	6/15/06

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203	Loss	D86	1 mL	MM	6/15/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/16/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/16/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/16/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/16/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/16/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/16/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06

NVFEL Fuel Analysis Report

14599

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14599 Comments: 69; 7-28-04
 275SWL(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/16/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/16/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/16/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/16/06
421	Sulfur in Gasoline D2622	146	Parts Per Million			NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	7.57	PSI			MM	6/14/06
65	Percent Evaporated at 200 Degrees F D86	43.5	Volume Percent			MM	6/15/06
66	Percent Evaporated at 300 Degrees F D86	82.7	Volume Percent			MM	6/15/06
48	Aromatics in Gasoline MSD D5769	29.93	Volume Percent			TW	6/20/06
49	Olefins in by FIA D1319	8.1	Volume Percent			RCG	8/14/06
64	Benzene in Gasoline D3606	1.62	Volume Percent			TW	6/14/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/16/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/16/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/16/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/16/06
57	TAME by D5599	0.00	Volume Percent			TS	6/16/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/16/06
63	Benzene in Gasoline by GC/MSD D5769	1.66	Volume Percent			TW	6/20/06
46	Aromatics by FIA D1319	29.7	Volume Percent			RCG	8/14/06
630	Toluene in gasoline by MSD D5769	6.86	Volume Percent			TW	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.74651	60/60F			MM	6/14/06
69	Specific Gravity @ 60 deg F D4052	0.74653	60/60F			MM	6/14/06
692	Degrees API D4052	58.04	Degrees API			MM	6/14/06
692	Degrees API D4052	58.05	Degrees API			MM	6/14/06
691	Density @ 60 deg F D4052	0.74577	g/cm-03 @ 60 deg F			MM	6/14/06
691	Density @ 60 deg F D4052	0.7458	g/cm-03 @ 60 deg F			MM	6/14/06
101	Initial Boiling Point D86	97	Degrees F			MM	6/15/06
110	10 Percent D86	135.3	Degrees F			MM	6/15/06
150	50 Percent D86	214.8	Degrees F			MM	6/15/06
190	90 Percent D86	327.7	Degrees F			MM	6/15/06
200	End Point D86	420	Degrees F			MM	6/15/06
201	Residue D86	1.2	mL			MM	6/15/06
202	Total Recovery D86	97.89999	mL			MM	6/15/06

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203	Loss	D86	0.9 mL	MM	6/15/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/16/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/16/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/16/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/16/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/16/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/16/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06

NVFEL Fuel Analysis Report

14600

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14600 Comments: 105; 8/4/06
 977WEZ(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/16/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/16/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/16/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/16/06
421	Sulfur in Gasoline D2622	102	Parts Per Million			NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	6.35	PSI			MM	6/14/06
65	Percent Evaporated at 200 Degrees F D86	37.1	Volume Percent			MM	6/15/06
66	Percent Evaporated at 300 Degrees F D86	81	Volume Percent			MM	6/15/06
48	Aromatics in Gasoline MSD D5769	36.48	Volume Percent			TW	6/21/06
49	Olefins in by FIA D1319	6.8	Volume Percent			RCG	8/14/06
64	Benzene in Gasoline D3606	2.14	Volume Percent			TW	6/14/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/16/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/16/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/16/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/16/06
57	TAME by D5599	0.00	Volume Percent			TS	6/16/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/16/06
63	Benzene in Gasoline by GC/MSD D5769	2.11	Volume Percent			TW	6/21/06
46	Aromatics by FIA D1319	35.7	Volume Percent			RCG	8/14/06
630	Toluene in gasoline by MSD D5769	8.45	Volume Percent			TW	6/21/06
69	Specific Gravity @ 60 deg F D4052	0.75991	60/60F			MM	6/14/06
69	Specific Gravity @ 60 deg F D4052	0.76	60/60F			MM	6/14/06
692	Degrees API D4052	54.69	Degrees API			MM	6/14/06
692	Degrees API D4052	54.71	Degrees API			MM	6/14/06
691	Density @ 60 deg F D4052	0.75916	g/cm-03 @ 60 deg F			MM	6/14/06
691	Density @ 60 deg F D4052	0.75924	g/cm-03 @ 60 deg F			MM	6/14/06
101	Initial Boiling Point D86	101.8	Degrees F			MM	6/15/06
110	10 Percent D86	147.4	Degrees F			MM	6/15/06
150	50 Percent D86	226.6	Degrees F			MM	6/15/06
190	90 Percent D86	327.7	Degrees F			MM	6/15/06
200	End Point D86	411.9	Degrees F			MM	6/15/06
201	Residue D86	1.2	mL			MM	6/15/06
202	Total Recovery D86	98	mL			MM	6/15/06

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NVFEL Fuel Analysis Report

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203	Loss	D86	0.8 mL	MM	6/15/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/16/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/16/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/16/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/16/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/16/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/16/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/16/06

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/2006.

VOC

Season: Winter

Kansas City Samples-
078RC3(Mo)

FTAG: 14607

Comments: 840; 3-17-05

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/19/2006
562	ETBE by D5599	0.00	Oxy Percent			TS	6/19/2006
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/19/2006
572	TAME by D5599	0.00	Oxy Percent			TS	6/19/2006
421	Sulfur in Gasoline D2622	146	Parts Per Million			NST	6/20/2006
62	Vapor Pressure by D5191 (Modified)	10.95	PS I			MM	6/14/2006
65	Percent Evaporated at 200 Degrees F D86	49.5	Volume Percent			MM	6/16/2006
66	Percent Evaporated at 300 Degrees F D86	82	Volume Percent			MM	6/16/2006
48	Aromatics in Gasoline MSD D5769	25.63	Volume Percent			TW	6/21/2006
49	Olefins in by FIA D1319	11.8	Volume Percent			RCG	8/16/2006
49	Olefins in by FIA D1319	12.3	Volume Percent			RCG	8/16/2006
64	Benzene in Gasoline D3606	1.02	Volume Percent			TW	6/19/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/19/2006
55	MTBE by D5599	0.00	Volume Percent			TS	6/19/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/19/2006
57	TAME by D5599	0.00	Volume Percent			TS	6/19/2006
532	Ethanol by D5599	0.00	Volume Percent			TS	6/19/2006
56	ETBE by D5599	0.00	Volume Percent			TS	6/19/2006
63	Benzene in Gasoline by GC/MSD D5769	1	Volume Percent			TW	6/21/2006
630	Toluene in gasoline by MSD D5769	5.14	Volume Percent			TW	6/21/2006
46	Aromatics by FIA D1319	22.8	Volume Percent			RCG	8/16/2006
46	Aromatics by FIA D1319	23.8	Volume Percent			RCG	8/16/2006
69	Specific Gravity @ 60 deg F D4052	0.73568	60/60F			MM	6/14/2006
69	Specific Gravity @ 60 deg F D4052	0.73567	60/60F			MM	6/14/2006
692	Degrees API D4052	60.84	Degrees API			MM	6/14/2006
692	Degrees API D4052	60.84	Degrees API			MM	6/14/2006
691	Density @ 60 deg F D4052	0.73495	g/cm-03 @ 60 deg F			MM	6/14/2006
691	Density @ 60 deg F D4052	0.73496	g/cm-03 @ 60 deg F			MM	6/14/2006
101	Initial Boiling Point D86	85.6	Degrees F			MM	6/16/2006
110	10 Percent D86	113.7	Degrees F			MM	6/16/2006
150	50 Percent D86	201.3	Degrees F			MM	6/16/2006
190	90 Percent D86	335.1	Degrees F			MM	6/16/2006
200	End Point D86	411.9	Degrees F			MM	6/16/2006

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201	Residue	D86	1.1 mL	MM	6/16/2006
202	Total Recovery	D86	97.5 mL	MM	6/16/2006
203	Loss	D86	1.4 mL	MM	6/16/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	6/19/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/19/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/19/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	6/19/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/19/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/19/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006

NVFEL Fuel Analysis Report

14608

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/2006.

VOC

Season: Winter

Kansas City Samples-
837CZ2(Mo)

FTAG: 14608

Comments: 858; 3-19-05

Test Code	Test Method	Results	Units	Fuel Code: 21	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/19/2006
562	ETBE by D5599	0.00	Oxy Percent		TS	6/19/2006
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/19/2006
572	TAME by D5599	0.00	Oxy Percent		TS	6/19/2006
421	Sulfur in Gasoline D2622	178	Parts Per Million		NST	6/20/2006
62	Vapor Pressure by D5191 (Modified)	11.02	PS I		MM	6/14/2006
65	Percent Evaporated at 200 Degrees F D86	48	Volume Percent		MM	6/16/2006
66	Percent Evaporated at 300 Degrees F D86	81.7	Volume Percent		MM	6/16/2006
48	Aromatics in Gasoline MSD D5769	24.27	Volume Percent		TW	6/21/2006
49	Olefins in by FIA D1319	12.5	Volume Percent		RCG	8/16/2006
64	Benzene in Gasoline D3606	1.00	Volume Percent		TW	6/19/2006
57	TAME by D5599	0.00	Volume Percent		TS	6/19/2006
532	Ethanol by D5599	0.00	Volume Percent		TS	6/19/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/19/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/19/2006
55	MTBE by D5599	0.00	Volume Percent		TS	6/19/2006
56	ETBE by D5599	0.00	Volume Percent		TS	6/19/2006
630	Toluene in gasoline by MSD D5769	4.82	Volume Percent		TW	6/21/2006
46	Aromatics by FIA D1319	22.5	Volume Percent		RCG	8/16/2006
63	Benzene in Gasoline by GC/MSD D5769	0.99	Volume Percent		TW	6/21/2006
69	Specific Gravity @ 60 deg F D4052	0.73465	60/60F		MM	6/14/2006
69	Specific Gravity @ 60 deg F D4052	0.7347	60/60F		MM	6/14/2006
692	Degrees API D4052	61.11	Degrees API		MM	6/14/2006
692	Degrees API D4052	61.1	Degrees API		MM	6/14/2006
691	Density @ 60 deg F D4052	0.73397	g/cm-03 @ 60 deg F		MM	6/14/2006
691	Density @ 60 deg F D4052	0.73393	g/cm-03 @ 60 deg F		MM	6/14/2006
101	Initial Boiling Point D86	85.8	Degrees F		MM	6/16/2006
110	10 Percent D86	114.4	Degrees F		MM	6/16/2006
150	50 Percent D86	205.3	Degrees F		MM	6/16/2006
190	90 Percent D86	335.1	Degrees F		MM	6/16/2006
200	End Point D86	420.3	Degrees F		MM	6/16/2006
201	Residue D86	1.1	mL		MM	6/16/2006
202	Total Recovery D86	97.7	mL		MM	6/16/2006

203	Loss	D86	1.2 mL	MM	6/16/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	6/19/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/19/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/19/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	6/19/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/19/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/19/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006

NVFEL Fuel Analysis Report

14609

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/2006.

VOC

Season: Winter

Kansas City Samples-
QQF730(Ks)

FTAG: 14609

Comments: 875; 3-22-05

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/19/2006
562	ETBE by D5599	0.00	Oxy Percent		TS	6/19/2006
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/19/2006
572	TAME by D5599	0.00	Oxy Percent		TS	6/19/2006
421	Sulfur in Gasoline D2622	247	Parts Per Million		NST	6/20/2006
62	Vapor Pressure by D5191 (Modified)	12.4	PS I		MM	6/14/2006
65	Percent Evaporated at 200 Degrees F D86	49.1	Volume Percent		MM	6/16/2006
66	Percent Evaporated at 300 Degrees F D86	84.7	Volume Percent		MM	6/16/2006
48	Aromatics in Gasoline MSD D5769	24.18	Volume Percent		TW	6/21/2006
49	Olefins in by FIA D1319	10.5	Volume Percent		RCG	8/16/2006
64	Benzene in Gasoline D3606	1.34	Volume Percent		TW	6/19/2006
57	TAME by D5599	0.00	Volume Percent		TS	6/19/2006
532	Ethanol by D5599	0.00	Volume Percent		TS	6/19/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/19/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/19/2006
55	MTBE by D5599	0.00	Volume Percent		TS	6/19/2006
56	ETBE by D5599	0.00	Volume Percent		TS	6/19/2006
630	Toluene in gasoline by MSD D5769	5.56	Volume Percent		TW	6/21/2006
46	Aromatics by FIA D1319	21.6	Volume Percent		RCG	8/16/2006
63	Benzene in Gasoline by GC/MSD D5769	1.32	Volume Percent		TW	6/21/2006
69	Specific Gravity @ 60 deg F D4052	0.73019	60/60F		MM	6/14/2006
69	Specific Gravity @ 60 deg F D4052	0.7302	60/60F		MM	6/14/2006
692	Degrees API D4052	62.29	Degrees API		MM	6/14/2006
692	Degrees API D4052	62.28	Degrees API		MM	6/14/2006
691	Density @ 60 deg F D4052	0.72948	g/cm-03 @ 60 deg F		MM	6/14/2006
691	Density @ 60 deg F D4052	0.72947	g/cm-03 @ 60 deg F		MM	6/14/2006
101	Initial Boiling Point D86	83.8	Degrees F		MM	6/16/2006
110	10 Percent D86	108.4	Degrees F		MM	6/16/2006
150	50 Percent D86	202.4	Degrees F		MM	6/16/2006
190	90 Percent D86	322.1	Degrees F		MM	6/16/2006
200	End Point D86	401	Degrees F		MM	6/16/2006
201	Residue D86	1.2	mL		MM	6/16/2006
202	Total Recovery D86	97.4	mL		MM	6/16/2006

NVFEL Fuel Analysis Report**14609**

203	Loss	D86	1.4 mL	MM	6/16/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	6/19/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/19/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/19/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	6/19/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/19/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/19/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/2006.

VOC

Season: Winter

Kansas City Samples-
446HJ2(Mo)

FTAG: 14610

Comments: 881; 3-23-05

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/19/2006
562	ETBE by D5599	0.00	Oxy Percent		TS	6/19/2006
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/19/2006
572	TAME by D5599	0.00	Oxy Percent		TS	6/19/2006
421	Sulfur in Gasoline D2622	170	Parts Per Million		NST	6/20/2006
62	Vapor Pressure by D5191 (Modified)	12.18	PS I		MM	6/14/2006
65	Percent Evaporated at 200 Degrees F D86	52.8	Volume Percent		MM	6/16/2006
65	Percent Evaporated at 200 Degrees F D86	52.8	Volume Percent		MM	6/16/2006
66	Percent Evaporated at 300 Degrees F D86	83.5	Volume Percent		MM	6/16/2006
66	Percent Evaporated at 300 Degrees F D86	83.8	Volume Percent		MM	6/16/2006
48	Aromatics in Gasoline MSD D5769	23.03	Volume Percent		TW	6/21/2006
49	Olefins in by FIA D1319	10.3	Volume Percent		RCG	8/16/2006
64	Benzene in Gasoline D3606	1.12	Volume Percent		TW	6/19/2006
64	Benzene in Gasoline D3606	1.12	Volume Percent		TW	6/19/2006
55	MTBE by D5599	0.00	Volume Percent		TS	6/19/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/19/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/19/2006
532	Ethanol by D5599	0.00	Volume Percent		TS	6/19/2006
57	TAME by D5599	0.00	Volume Percent		TS	6/19/2006
56	ETBE by D5599	0.00	Volume Percent		TS	6/19/2006
630	Toluene in gasoline by MSD D5769	4.89	Volume Percent		TW	6/21/2006
63	Benzene in Gasoline by GC/MSD D5769	1.11	Volume Percent		TW	6/21/2006
46	Aromatics by FIA D1319	21.5	Volume Percent		RCG	8/16/2006
69	Specific Gravity @ 60 deg F D4052	0.72908	60/60F		MM	6/14/2006
69	Specific Gravity @ 60 deg F D4052	0.72915	60/60F		MM	6/14/2006
692	Degrees API D4052	62.58	Degrees API		MM	6/14/2006
692	Degrees API D4052	62.56	Degrees API		MM	6/14/2006
691	Density @ 60 deg F D4052	0.72843	g/cm-03 @ 60 deg F		MM	6/14/2006
691	Density @ 60 deg F D4052	0.72836	g/cm-03 @ 60 deg F		MM	6/14/2006
101	Initial Boiling Point D86	84.4	Degrees F		MM	6/16/2006
101	Initial Boiling Point D86	84.4	Degrees F		MM	6/16/2006
110	10 Percent D86	107.2	Degrees F		MM	6/16/2006
110	10 Percent D86	107.8	Degrees F		MM	6/16/2006

150	50 Percent	D86	192.1 Degrees F	MM	6/16/2006
150	50 Percent	D86	192.5 Degrees F	MM	6/16/2006
190	90 Percent	D86	329.8 Degrees F	MM	6/16/2006
190	90 Percent	D86	332 Degrees F	MM	6/16/2006
200	End Point	D86	419.8 Degrees F	MM	6/16/2006
200	End Point	D86	420.1 Degrees F	MM	6/16/2006
201	Residue	D86	1.1 mL	MM	6/16/2006
201	Residue	D86	1.1 mL	MM	6/16/2006
202	Total Recovery	D86	97.3 mL	MM	6/16/2006
202	Total Recovery	D86	97.60001 mL	MM	6/16/2006
203	Loss	D86	1.6 mL	MM	6/16/2006
203	Loss	D86	1.3 mL	MM	6/16/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	6/19/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/19/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/19/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	6/19/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/19/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/19/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/13/2006.

VOC

Season: Winter

Kansas City Samples-
144RBJ(Mo)

FTAG: 14611

Comments: 903; 3-26-05

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analyst	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/19/2006
562	ETBE by D5599	0.00	Oxy Percent			TS	6/19/2006
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/19/2006
572	TAME by D5599	0.00	Oxy Percent			TS	6/19/2006
421	Sulfur in Gasoline D2622	115	Parts Per Million			NST	6/20/2006
62	Vapor Pressure by D5191 (Modified)	11.6	PS I			MM	6/14/2006
65	Percent Evaporated at 200 Degrees F D86	50.9	Volume Percent			MM	6/16/2006
66	Percent Evaporated at 300 Degrees F D86	84.2	Volume Percent			MM	6/16/2006
48	Aromatics in Gasoline MSD D5769	23.94	Volume Percent			TW	6/22/2006
49	Olefins in by FIA D1319	10.8	Volume Percent			RCG	8/16/2006
64	Benzene in Gasoline D3606	1.12	Volume Percent			TW	6/19/2006
57	TAME by D5599	0.00	Volume Percent			TS	6/19/2006
532	Ethanol by D5599	0.00	Volume Percent			TS	6/19/2006
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/19/2006
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/19/2006
55	MTBE by D5599	0.00	Volume Percent			TS	6/19/2006
56	ETBE by D5599	0.00	Volume Percent			TS	6/19/2006
630	Toluene in gasoline by MSD D5769	5.5	Volume Percent			TW	6/22/2006
46	Aromatics by FIA D1319	22	Volume Percent			RCG	8/16/2006
63	Benzene in Gasoline by GC/MSD D5769	1.1	Volume Percent			TW	6/22/2006
69	Specific Gravity @ 60 deg F D4052	0.73093	60/60F			MM	6/14/2006
69	Specific Gravity @ 60 deg F D4052	0.73097	60/60F			MM	6/14/2006
692	Degrees API D4052	62.09	Degrees API			MM	6/14/2006
692	Degrees API D4052	62.08	Degrees API			MM	6/14/2006
691	Density @ 60 deg F D4052	0.73025	g/cm-03 @ 60 deg F			MM	6/14/2006
691	Density @ 60 deg F D4052	0.73021	g/cm-03 @ 60 deg F			MM	6/14/2006
101	Initial Boiling Point D86	85	Degrees F			MM	6/16/2006
110	10 Percent D86	111.4	Degrees F			MM	6/16/2006
150	50 Percent D86	197.6	Degrees F			MM	6/16/2006
190	90 Percent D86	328.7	Degrees F			MM	6/16/2006
200	End Point D86	413.1	Degrees F			MM	6/16/2006
201	Residue D86	1	mL			MM	6/16/2006
202	Total Recovery D86	97.7	mL			MM	6/16/2006

203	Loss	D86	1.3 mL	MM	6/16/2006
543	Methanol	by D5599	0.00 Volume Percent	TS	6/19/2006
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/19/2006
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/19/2006
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006
588	DIPE	by D5599	0.00 Volume Percent	TS	6/19/2006
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/19/2006
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/19/2006
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/19/2006

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NVFEL Fuel Analysis Report

14647

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/23/06.

Season: Winter

Kansas City Samples-
722KFE(Ks)

FTAG: 14647

Comments: 94; 7-31-04; #2 Refuel

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/28/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/28/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/28/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/28/06
421	Sulfur in Gasoline D2622	169	Parts Per Million			NST	6/29/06
62	Vapor Pressure by D5191 (Modified)	6.56	PSI			NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	37.5	Volume Percent			MM	6/27/06
66	Percent Evaporated at 300 Degrees F D86	79.8	Volume Percent			MM	6/27/06
48	Aromatics in Gasoline MSD D5769	31.48	Volume Percent			TW	6/29/06
49	Olefins in by FIA D1319	9.9	Volume Percent			RCG	8/23/06
64	Benzene in Gasoline D3606	1.42	Volume Percent			TW	6/28/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/28/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/28/06
57	TAME by D5599	0.00	Volume Percent			TS	6/28/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/28/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/28/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/28/06
630	Toluene in gasoline by MSD D5769	6.65	Volume Percent			TW	6/29/06
63	Benzene in Gasoline by GC/MSD D5769	1.4	Volume Percent			TW	6/29/06
46	Aromatics by FIA D1319	30.6	Volume Percent			RCG	8/23/06
69	Specific Gravity @ 60 deg F D4052	0.75623	60/60F			MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.75618	60/60F			MM	6/27/06
692	Degrees API D4052	55.63	Degrees API			MM	6/27/06
692	Degrees API D4052	55.61	Degrees API			MM	6/27/06
691	Density @ 60 deg F D4052	0.75549	g/cm-03 @ 60 deg F			MM	6/27/06
691	Density @ 60 deg F D4052	0.75543	g/cm-03 @ 60 deg F			MM	6/27/06
101	Initial Boiling Point D86	97.7	Degrees F			MM	6/27/06
110	10 Percent D86	146.8	Degrees F			MM	6/27/06
150	50 Percent D86	225	Degrees F			MM	6/27/06
190	90 Percent D86	337.9	Degrees F			MM	6/27/06
200	End Point D86	433	Degrees F			MM	6/27/06
201	Residue D86	1	mL			MM	6/27/06
202	Total Recovery D86	98	mL			MM	6/27/06

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203	Loss	D86	1 mL	MM	6/27/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/28/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/28/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/28/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/28/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/28/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/28/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/23/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14648 Comments: 104; 8/14/04

Test Code	Test Method	Results	Units	Fuel_ Code: 21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/28/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/28/06
534	Ethanol by D5599	0.15	Oxy Percent		TS	6/28/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/28/06
421	Sulfur in Gasoline D2622	132	Parts Per Million		NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	8.82	PSI		NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	46.8	Volume Percent		MM	6/27/06
66	Percent Evaporated at 300 Degrees F D86	81.7	Volume Percent		MM	6/27/06
48	Aromatics in Gasoline MSD D5769	25.83	Volume Percent		TW	6/29/06
49	Olefins in by FIA D1319	10.5	Volume Percent		RCG	8/23/06
64	Benzene in Gasoline D3606	1.15	Volume Percent		TW	6/28/06
593	Volume Percent Oxygenates by D5599	0.41	Volume Percent		TS	6/28/06
57	TAME by D5599	0.00	Volume Percent		TS	6/28/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/28/06
59	Weight Percent Oxygen by D5599	0.15	Weight Percent		TS	6/28/06
532	Ethanol by D5599	0.41	Volume Percent		TS	6/28/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/28/06
46	Aromatics by FIA D1319	26	Volume Percent		RCG	8/23/06
63	Benzene in Gasoline by GC/MSD D5769	1.15	Volume Percent		TW	6/29/06
630	Toluene in gasoline by MSD D5769	5.33	Volume Percent		TW	6/29/06
69	Specific Gravity @ 60 deg F D4052	0.74096	60/60F		MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.74102	60/60F		MM	6/27/06
692	Degrees API D4052	59.47	Degrees API		MM	6/27/06
692	Degrees API D4052	59.45	Degrees API		MM	6/27/06
691	Density @ 60 deg F D4052	0.74022	g/cm-03 @ 60 deg F		MM	6/27/06
691	Density @ 60 deg F D4052	0.74029	g/cm-03 @ 60 deg F		MM	6/27/06
101	Initial Boiling Point D86	91.4	Degrees F		MM	6/27/06
110	10 Percent D86	125.1	Degrees F		MM	6/27/06
150	50 Percent D86	208.3	Degrees F		MM	6/27/06
190	90 Percent D86	334.4	Degrees F		MM	6/27/06
200	End Point D86	414.7	Degrees F		MM	6/27/06
201	Residue D86	1.2	mL		MM	6/27/06
202	Total Recovery D86	97.4	mL		MM	6/27/06

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NVFEL Fuel Analysis Report

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203	Loss	D86	1.4 mL	MM	6/27/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/28/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/28/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/28/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/28/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/28/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/28/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06

28-Aug-06

NVFEL Fuel Analysis Report

14649

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/23/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14649 Comments: #116; 8/6/04
 QBL235(Ks)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/28/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/28/06
534	Ethanol by D5599	0.14	Oxy Percent		TS	6/28/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/28/06
421	Sulfur in Gasoline D2622	207	Parts Per Million		NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	8.01	PSI		NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	43.9	Volume Percent		MM	6/27/06
66	Percent Evaporated at 300 Degrees F D86	80.3	Volume Percent		MM	6/27/06
48	Aromatics in Gasoline MSD D5769	26.53	Volume Percent		TW	6/29/06
49	Olefins in by FIA D1319	10.6	Volume Percent		RCG	8/23/06
64	Benzene in Gasoline D3606	1.02	Volume Percent		TW	6/28/06
64	Benzene in Gasoline D3606	1.03	Volume Percent		TW	6/28/06
59	Weight Percent Oxygen by D5599	0.14	Weight Percent		TS	6/28/06
593	Volume Percent Oxygenates by D5599	0.38	Volume Percent		TS	6/28/06
57	TAME by D5599	0.00	Volume Percent		TS	6/28/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/28/06
532	Ethanol by D5599	0.38	Volume Percent		TS	6/28/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/28/06
46	Aromatics by FIA D1319	26.1	Volume Percent		RCG	8/23/06
63	Benzene in Gasoline by GC/MSD D5769	1.02	Volume Percent		TW	6/29/06
630	Toluene in gasoline by MSD D5769	5.15	Volume Percent		TW	6/29/06
69	Specific Gravity @ 60 deg F D4052	0.74565	60/60F		MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.74562	60/60F		MM	6/27/06
692	Degrees API D4052	58.28	Degrees API		MM	6/27/06
692	Degrees API D4052	58.27	Degrees API		MM	6/27/06
691	Density @ 60 deg F D4052	0.74488	g/cm-03 @ 60 deg F		MM	6/27/06
691	Density @ 60 deg F D4052	0.74491	g/cm-03 @ 60 deg F		MM	6/27/06
101	Initial Boiling Point D86	94.1	Degrees F		MM	6/27/06
110	10 Percent D86	131.1	Degrees F		MM	6/27/06
150	50 Percent D86	215.2	Degrees F		MM	6/27/06
190	90 Percent D86	338.9	Degrees F		MM	6/27/06
200	End Point D86	426.7	Degrees F		MM	6/27/06
201	Residue D86	1	mL		MM	6/27/06

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202	Total Recovery	D86	97.9 mL	MM	6/27/06
203	Loss	D86	1.1 mL	MM	6/27/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/28/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/28/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/28/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/28/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/28/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/28/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06

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NVFEL Fuel Analysis Report**14650**

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/23/06.

Season: Winter

Kansas City Samples- FTAG: 14650 Comments: #129; 8/9/04
461GLI(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/29/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/29/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/29/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/29/06
421	Sulfur in Gasoline D2622	89	Parts Per Million			NST	6/27/06
421	Sulfur in Gasoline D2622	90	Parts Per Million			NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	6.57	PSI			NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	39.3	Volume Percent			MM	6/27/06
66	Percent Evaporated at 300 Degrees F D86	79.5	Volume Percent			MM	6/27/06
48	Aromatics in Gasoline MSD D5769	31.89	Volume Percent			TW	6/29/06
49	Olefins in by FIA D1319	11.7	Volume Percent			RCG	8/23/06
64	Benzene in Gasoline D3606	1.46	Volume Percent			TW	7/5/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/29/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/29/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/29/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/29/06
57	TAME by D5599	0.00	Volume Percent			TS	6/29/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/29/06
630	Toluene in gasoline by MSD D5769	8.08	Volume Percent			TW	6/29/06
63	Benzene in Gasoline by GC/MSD D5769	1.44	Volume Percent			TW	6/29/06
46	Aromatics by FIA D1319	31.9	Volume Percent			RCG	8/23/06
69	Specific Gravity @ 60 deg F D4052	0.75758	60/60F			MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.75754	60/60F			MM	6/27/06
692	Degrees API D4052	55.28	Degrees API			MM	6/27/06
692	Degrees API D4052	55.29	Degrees API			MM	6/27/06
691	Density @ 60 deg F D4052	0.75683	g/cm-03 @ 60 deg F			MM	6/27/06
691	Density @ 60 deg F D4052	0.7568	g/cm-03 @ 60 deg F			MM	6/27/06
101	Initial Boiling Point D86	100.2	Degrees F			MM	6/27/06
110	10 Percent D86	144.6	Degrees F			MM	6/27/06
150	50 Percent D86	222.6	Degrees F			MM	6/27/06
190	90 Percent D86	343.2	Degrees F			MM	6/27/06
200	End Point D86	426.2	Degrees F			MM	6/27/06
201	Residue D86	0.9	mL			MM	6/27/06

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202	Total Recovery	D86	98.3 mL	MM	6/27/06
203	Loss	D86	0.8 mL	MM	6/27/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/29/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/29/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/29/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/29/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/29/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/29/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/23/06.

Season: Winter

Kansas City Samples-
660SEC(Mo)

FTAG: 14651

Comments: 149; 8/12/04

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/29/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/29/06
534	Ethanol by D5599	0.01	Oxy Percent		TS	6/29/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/29/06
421	Sulfur in Gasoline D2622	93	Parts Per Million		NST	6/29/06
62	Vapor Pressure by D5191 (Modified)	6.79	PSI		NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	38.1	Volume Percent		MM	6/28/06
66	Percent Evaporated at 300 Degrees F D86	80.1	Volume Percent		MM	6/28/06
48	Aromatics in Gasoline MSD D5769	33.87	Volume Percent		TW	6/29/06
49	Olefins in by FIA D1319	9.5	Volume Percent		RCG	8/23/06
64	Benzene in Gasoline D3606	1.66	Volume Percent		TW	7/5/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/29/06
593	Volume Percent Oxygenates by D5599	0.03	Volume Percent		TS	6/29/06
57	TAME by D5599	0.00	Volume Percent		TS	6/29/06
532	Ethanol by D5599	0.03	Volume Percent		TS	6/29/06
59	Weight Percent Oxygen by D5599	0.01	Weight Percent		TS	6/29/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/29/06
630	Toluene in gasoline by MSD D5769	7.94	Volume Percent		TW	6/29/06
46	Aromatics by FIA D1319	33.7	Volume Percent		RCG	8/23/06
63	Benzene in Gasoline by GC/MSD D5769	1.65	Volume Percent		TW	6/29/06
69	Specific Gravity @ 60 deg F D4052	0.75814	60/60F		MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.75818	60/60F		MM	6/27/06
692	Degrees API D4052	55.14	Degrees API		MM	6/27/06
692	Degrees API D4052	55.13	Degrees API		MM	6/27/06
691	Density @ 60 deg F D4052	0.75739	g/cm-03 @ 60 deg F		MM	6/27/06
691	Density @ 60 deg F D4052	0.75743	g/cm-03 @ 60 deg F		MM	6/27/06
101	Initial Boiling Point D86	99.3	Degrees F		MM	6/28/06
110	10 Percent D86	144.7	Degrees F		MM	6/28/06
150	50 Percent D86	225.6	Degrees F		MM	6/28/06
190	90 Percent D86	335.3	Degrees F		MM	6/28/06
200	End Point D86	422.2	Degrees F		MM	6/28/06
201	Residue D86	1	mL		MM	6/28/06
202	Total Recovery D86	98.2	mL		MM	6/28/06

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203	Loss	D86	0.8 mL	MM	6/28/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/29/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/29/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/29/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/29/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/29/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/29/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/23/06.

Season: Winter

Kansas City Samples- FTAG: 14652 Comments: 203; 8-23-04
087FXJ(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/29/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/29/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/29/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/29/06
421	Sulfur in Gasoline D2622	197	Parts Per Million			NST	6/29/06
62	Vapor Pressure by D5191 (Modified)	5.79	PSI			NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	34.1	Volume Percent			MM	6/28/06
66	Percent Evaporated at 300 Degrees F D86	79.3	Volume Percent			MM	6/28/06
48	Aromatics in Gasoline MSD D5769	35.11	Volume Percent			TW	6/29/06
49	Olefins in by FIA D1319	10	Volume Percent			RCG	8/23/06
64	Benzene in Gasoline D3606	1.72	Volume Percent			TW	7/5/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/29/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/29/06
57	TAME by D5599	0.00	Volume Percent			TS	6/29/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/29/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/29/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/29/06
630	Toluene in gasoline by MSD D5769	7.8	Volume Percent			TW	6/29/06
46	Aromatics by FIA D1319	34.3	Volume Percent			RCG	8/23/06
63	Benzene in Gasoline by GC/MSD D5769	1.72	Volume Percent			TW	6/29/06
69	Specific Gravity @ 60 deg F D4052	0.76241	60/60F			MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.76249	60/60F			MM	6/27/06
692	Degrees API D4052	54.09	Degrees API			MM	6/27/06
692	Degrees API D4052	54.07	Degrees API			MM	6/27/06
691	Density @ 60 deg F D4052	0.76166	g/cm-03 @ 60 deg F			MM	6/27/06
691	Density @ 60 deg F D4052	0.76174	g/cm-03 @ 60 deg F			MM	6/27/06
101	Initial Boiling Point D86	103.1	Degrees F			MM	6/28/06
110	10 Percent D86	152.6	Degrees F			MM	6/28/06
150	50 Percent D86	232.8	Degrees F			MM	6/28/06
190	90 Percent D86	337.8	Degrees F			MM	6/28/06
200	End Point D86	422	Degrees F			MM	6/28/06
201	Residue D86	1	mL			MM	6/28/06
202	Total Recovery D86	98.2	mL			MM	6/28/06

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203	Loss	D86	0.8 mL	MM	6/28/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/29/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/29/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/29/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/29/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/29/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/29/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06

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14653

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/23/06.

Season: Winter

Kansas City Samples-
254HPF

FTAG: 14653

Comments: 437; 9-30-04

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/29/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/29/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/29/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/29/06
421	Sulfur in Gasoline D2622	54	Parts Per Million			NST	6/29/06
62	Vapor Pressure by D5191 (Modified)	9.27	PSI			NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	48.4	Volume Percent			MM	6/28/06
66	Percent Evaporated at 300 Degrees F D86	82.9	Volume Percent			MM	6/28/06
48	Aromatics in Gasoline MSD D5769	22.43	Volume Percent			TW	6/30/06
49	Olefins in by FIA D1319	9.6	Volume Percent			RCG	8/23/06
64	Benzene in Gasoline D3606	0.82	Volume Percent			TW	7/5/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/29/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/29/06
57	TAME by D5599	0.00	Volume Percent			TS	6/29/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/29/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/29/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/29/06
630	Toluene in gasoline by MSD D5769	4.76	Volume Percent			TW	6/30/06
46	Aromatics by FIA D1319	21.4	Volume Percent			RCG	8/23/06
63	Benzene in Gasoline by GC/MSD D5769	0.83	Volume Percent			TW	6/30/06
69	Specific Gravity @ 60 deg F D4052	0.73507	60/60F			MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.73508	60/60F			MM	6/27/06
692	Degrees API D4052	61	Degrees API			MM	6/27/06
692	Degrees API D4052	61	Degrees API			MM	6/27/06
691	Density @ 60 deg F D4052	0.73435	g/cm-03 @ 60 deg F			MM	6/27/06
691	Density @ 60 deg F D4052	0.73435	g/cm-03 @ 60 deg F			MM	6/27/06
101	Initial Boiling Point D86	89.9	Degrees F			MM	6/28/06
110	10 Percent D86	124.7	Degrees F			MM	6/28/06
150	50 Percent D86	203.7	Degrees F			MM	6/28/06
190	90 Percent D86	335.3	Degrees F			MM	6/28/06
200	End Point D86	427.5	Degrees F			MM	6/28/06
201	Residue D86	1.1	mL			MM	6/28/06
202	Total Recovery D86	97.7	mL			MM	6/28/06

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203	Loss	D86	1.2 mL	MM	6/28/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/29/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/29/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/29/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/29/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/29/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/29/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06

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NVFEL Fuel Analysis Report

14654

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/23/06.

Season: Winter

Kansas City Samples- FTAG: 14654 Comments: 537; 1-12-05
722KFE

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/29/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/29/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/29/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/29/06
421	Sulfur in Gasoline D2622	395	Parts Per Million			NST	6/29/06
62	Vapor Pressure by D5191 (Modified)	14.13	PSI			NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	49.7	Volume Percent			MM	6/28/06
66	Percent Evaporated at 300 Degrees F D86	85.1	Volume Percent			MM	6/28/06
48	Aromatics in Gasoline MSD D5769	22.34	Volume Percent			TW	6/30/06
49	Olefins in by FIA D1319	11.2	Volume Percent			RCG	8/23/06
64	Benzene in Gasoline D3606	1.17	Volume Percent			TW	7/5/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/29/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/29/06
57	TAME by D5599	0.00	Volume Percent			TS	6/29/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/29/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/29/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/29/06
630	Toluene in gasoline by MSD D5769	5.02	Volume Percent			TW	6/30/06
46	Aromatics by FIA D1319	20.3	Volume Percent			RCG	8/23/06
63	Benzene in Gasoline by GC/MSD D5769	1.17	Volume Percent			TW	6/30/06
69	Specific Gravity @ 60 deg F D4052	0.72664	60/60F			MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.72665	60/60F			MM	6/27/06
692	Degrees API D4052	63.23	Degrees API			MM	6/27/06
692	Degrees API D4052	63.23	Degrees API			MM	6/27/06
691	Density @ 60 deg F D4052	0.72592	g/cm-03 @ 60 deg F			MM	6/27/06
691	Density @ 60 deg F D4052	0.72593	g/cm-03 @ 60 deg F			MM	6/27/06
101	Initial Boiling Point D86	79.6	Degrees F			MM	6/28/06
110	10 Percent D86	100.1	Degrees F			MM	6/28/06
150	50 Percent D86	200.8	Degrees F			MM	6/28/06
190	90 Percent D86	319.7	Degrees F			MM	6/28/06
200	End Point D86	395.7	Degrees F			MM	6/28/06
201	Residue D86	1.1	mL			MM	6/28/06
202	Total Recovery D86	96.8	mL			MM	6/28/06

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NVFEL Fuel Analysis Report

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203	Loss	D86	2.1 mL	MM	6/28/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/29/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/29/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/29/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/29/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/29/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/29/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06

NVFEL Fuel Analysis Report

14655

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/23/06.

VOC

Season: Winter

Kansas City Samples- FTAG: 14655 Comments: 570; 1-19-05
 VSV986(Ks)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/29/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/29/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/29/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/29/06
421	Sulfur in Gasoline D2622	65	Parts Per Million		NST	6/29/06
62	Vapor Pressure by D5191 (Modified)	12.55	PSI		NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	51.3	Volume Percent		MM	6/28/06
66	Percent Evaporated at 300 Degrees F D86	85.3	Volume Percent		MM	6/28/06
48	Aromatics in Gasoline MSD D5769	25.91	Volume Percent		TW	6/30/06
49	Olefins in by FIA D1319	8.9	Volume Percent		RCG	8/23/06
64	Benzene in Gasoline D3606	1.47	Volume Percent		TW	7/5/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/29/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/29/06
57	TAME by D5599	0.00	Volume Percent		TS	6/29/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/29/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/29/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/29/06
630	Toluene in gasoline by MSD D5769	6.41	Volume Percent		TW	6/30/06
46	Aromatics by FIA D1319	23.2	Volume Percent		RCG	8/23/06
63	Benzene in Gasoline by GC/MSD D5769	1.47	Volume Percent		TW	6/30/06
69	Specific Gravity @ 60 deg F D4052	0.73199	60/60F		MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.732	60/60F		MM	6/27/06
692	Degrees API D4052	61.81	Degrees API		MM	6/27/06
692	Degrees API D4052	61.8	Degrees API		MM	6/27/06
691	Density @ 60 deg F D4052	0.73127	g/cm-03 @ 60 deg F		MM	6/27/06
691	Density @ 60 deg F D4052	0.73128	g/cm-03 @ 60 deg F		MM	6/27/06
101	Initial Boiling Point D86	81.4	Degrees F		MM	6/28/06
110	10 Percent D86	105.9	Degrees F		MM	6/28/06
150	50 Percent D86	196.7	Degrees F		MM	6/28/06
190	90 Percent D86	318.2	Degrees F		MM	6/28/06
200	End Point D86	402.5	Degrees F		MM	6/28/06
201	Residue D86	1	mL		MM	6/28/06
202	Total Recovery D86	97.3	mL		MM	6/28/06

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203	Loss	D86	1.7 mL	MM	6/28/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/29/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/29/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/29/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/29/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/29/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/29/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/23/06.

Season: Winter

Kansas City Samples- FTAG: 14656 Comments: 631; 2-2-05
284MC6(Mo)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
421	Sulfur in Gasoline D2622	265	Parts Per Million		NST	6/29/06
62	Vapor Pressure by D5191 (Modified)	13.6	PSI		NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	50.9	Volume Percent		MM	6/28/06
65	Percent Evaporated at 200 Degrees F D86	51.1	Volume Percent		MM	6/28/06
66	Percent Evaporated at 300 Degrees F D86	85.1	Volume Percent		MM	6/28/06
66	Percent Evaporated at 300 Degrees F D86	85.1	Volume Percent		MM	6/28/06
48	Aromatics in Gasoline MSD D5769	23.45	Volume Percent		TW	6/30/06
49	Olefins in by FIA D1319	10.1	Volume Percent		RCG	8/28/06
64	Benzene in Gasoline D3606	1.21	Volume Percent		TW	7/5/06
46	Aromatics by FIA D1319	21.4	Volume Percent		RCG	8/28/06
63	Benzene in Gasoline by GC/MSD D5769	1.21	Volume Percent		TW	6/30/06
630	Toluene in gasoline by MSD D5769	5.39	Volume Percent		TW	6/30/06
69	Specific Gravity @ 60 deg F D4052	0.72682	60/60F		MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.72677	60/60F		MM	6/27/06
692	Degrees API D4052	63.18	Degrees API		MM	6/27/06
692	Degrees API D4052	63.2	Degrees API		MM	6/27/06
691	Density @ 60 deg F D4052	0.7261	g/cm-03 @ 60 deg F		MM	6/27/06
691	Density @ 60 deg F D4052	0.72605	g/cm-03 @ 60 deg F		MM	6/27/06
101	Initial Boiling Point D86	80.3	Degrees F		MM	6/28/06
101	Initial Boiling Point D86	81	Degrees F		MM	6/28/06
110	10 Percent D86	101.9	Degrees F		MM	6/28/06
110	10 Percent D86	101.1	Degrees F		MM	6/28/06
150	50 Percent D86	196.9	Degrees F		MM	6/28/06
150	50 Percent D86	197.9	Degrees F		MM	6/28/06
190	90 Percent D86	322.2	Degrees F		MM	6/28/06
190	90 Percent D86	319.2	Degrees F		MM	6/28/06
200	End Point D86	401.3	Degrees F		MM	6/28/06
200	End Point D86	401.2	Degrees F		MM	6/28/06
201	Residue D86	1.1	mL		MM	6/28/06
201	Residue D86	1	mL		MM	6/28/06
202	Total Recovery D86	96.60001	mL		MM	6/28/06
202	Total Recovery D86	97.1	mL		MM	6/28/06
203	Loss D86	1.9	mL		MM	6/28/06

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203 Loss

D86

2.3 mL

MM

6/28/06

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/23/06.

Season: Winter

Kansas City Samples-
406JR6(Mo)

FTAG: 14657

Comments: 645; 2-4-05

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/29/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/29/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/29/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/29/06
421	Sulfur in Gasoline D2622	202	Parts Per Million		NST	6/29/06
62	Vapor Pressure by D5191 (Modified)	13.94	PSI		NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	37.5	Volume Percent		MM	6/27/06
65	Percent Evaporated at 200 Degrees F D86	50.2	Volume Percent		MM	6/28/06
66	Percent Evaporated at 300 Degrees F D86	79.8	Volume Percent		MM	6/27/06
66	Percent Evaporated at 300 Degrees F D86	84.1	Volume Percent		MM	6/28/06
48	Aromatics in Gasoline MSD D5769	20.58	Volume Percent		TW	6/30/06
49	Olefins in by FIA D1319	11.5	Volume Percent		RCG	8/28/06
64	Benzene in Gasoline D3606	0.99	Volume Percent		TW	7/5/06
64	Benzene in Gasoline D3606	0.99	Volume Percent		TW	7/5/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/29/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/29/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/29/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/29/06
57	TAME by D5599	0.00	Volume Percent		TS	6/29/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/29/06
63	Benzene in Gasoline by GC/MSD D5769	0.99	Volume Percent		TW	6/30/06
46	Aromatics by FIA D1319	19	Volume Percent		RCG	8/28/06
630	Toluene in gasoline by MSD D5769	4.49	Volume Percent		TW	6/30/06
69	Specific Gravity @ 60 deg F D4052	0.72419	60/60F		MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.7242	60/60F		MM	6/27/06
692	Degrees API D4052	63.89	Degrees API		MM	6/27/06
692	Degrees API D4052	63.89	Degrees API		MM	6/27/06
691	Density @ 60 deg F D4052	0.72349	g/cm-03 @ 60 deg F		MM	6/27/06
691	Density @ 60 deg F D4052	0.72348	g/cm-03 @ 60 deg F		MM	6/27/06
101	Initial Boiling Point D86	97.7	Degrees F		MM	6/27/06
101	Initial Boiling Point D86	80.7	Degrees F		MM	6/28/06
110	10 Percent D86	146.8	Degrees F		MM	6/27/06
110	10 Percent D86	100.3	Degrees F		MM	6/28/06

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150	50 Percent	D86	225 Degrees F	MM	6/27/06
150	50 Percent	D86	199.4 Degrees F	MM	6/28/06
190	90 Percent	D86	337.9 Degrees F	MM	6/27/06
190	90 Percent	D86	329.9 Degrees F	MM	6/28/06
200	End Point	D86	422.9 Degrees F	MM	6/28/06
200	End Point	D86	433 Degrees F	MM	6/27/06
201	Residue	D86	1 mL	MM	6/27/06
201	Residue	D86	1 mL	MM	6/28/06
202	Total Recovery	D86	98 mL	MM	6/27/06
202	Total Recovery	D86	97 mL	MM	6/28/06
203	Loss	D86	1 mL	MM	6/27/06
203	Loss	D86	2 mL	MM	6/28/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/29/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/29/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/29/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/29/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/29/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/29/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/26/06.

Season: Winter

Kansas City Samples-
790LWF(MO)

FTAG: 14660

Comments: 27; 7-20-04

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/28/06
552	MTBE by D5599	0.00	Oxy Percent			TS	6/28/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/28/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/28/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/28/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/28/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/28/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/28/06
421	Sulfur in Gasoline D2622	67	Parts Per Million			NST	6/29/06
62	Vapor Pressure by D5191 (Modified)	6.83	PSI			NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	38.8	Volume Percent			MM	6/28/06
66	Percent Evaporated at 300 Degrees F D86	80.3	Volume Percent			MM	6/28/06
48	Aromatics in Gasoline MSD D5769	28.31	Volume Percent			TW	6/30/06
48	Aromatics in Gasoline MSD D5769	28.29	Volume Percent			TW	6/30/06
49	Olefins in by FIA D1319	12.2	Volume Percent			RCG	8/28/06
64	Benzene in Gasoline D3606	0.81	Volume Percent			TW	7/5/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/28/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/28/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/28/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/28/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/28/06
57	TAME by D5599	0.00	Volume Percent			TS	6/28/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/28/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/28/06
57	TAME by D5599	0.00	Volume Percent			TS	6/28/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/28/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/28/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/28/06
63	Benzene in Gasoline by GC/MSD D5769	0.81	Volume Percent			TW	6/30/06
46	Aromatics by FIA D1319	28.7	Volume Percent			RCG	8/28/06
630	Toluene in gasoline by MSD D5769	7.41	Volume Percent			TW	6/30/06
630	Toluene in gasoline by MSD D5769	7.38	Volume Percent			TW	6/30/06
63	Benzene in Gasoline by GC/MSD D5769	0.81	Volume Percent			TW	6/30/06

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69	Specific Gravity @ 60 deg F	D4052	0.75166 60/60F	MM	6/27/06
69	Specific Gravity @ 60 deg F	D4052	0.75163 60/60F	MM	6/27/06
692	Degrees API	D4052	56.75 Degrees API	MM	6/27/06
692	Degrees API	D4052	56.76 Degrees API	MM	6/27/06
691	Density @ 60 deg F	D4052	0.75092 g/cm-03 @ 60 deg F	MM	6/27/06
691	Density @ 60 deg F	D4052	0.75089 g/cm-03 @ 60 deg F	MM	6/27/06
101	Initial Boiling Point	D86	98.8 Degrees F	MM	6/28/06
110	10 Percent	D86	141.9 Degrees F	MM	6/28/06
150	50 Percent	D86	224.4 Degrees F	MM	6/28/06
190	90 Percent	D86	346 Degrees F	MM	6/28/06
200	End Point	D86	429.7 Degrees F	MM	6/28/06
201	Residue	D86	1 mL	MM	6/28/06
202	Total Recovery	D86	98.2 mL	MM	6/28/06
203	Loss	D86	0.8 mL	MM	6/28/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/28/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/28/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/28/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/28/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/28/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/28/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/28/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/28/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/28/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/28/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/28/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/28/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06

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NVFEL Fuel Analysis Report

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/26/06.

Season: Winter

Kansas City Samples-
884DFT

FTAG: 14661

Comments: 25; 7-20-04

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/29/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/29/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/29/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/29/06
421	Sulfur in Gasoline D2622	84	Parts Per Million		NST	6/29/06
421	Sulfur in Gasoline D2622	85	Parts Per Million		NST	6/29/06
62	Vapor Pressure by D5191 (Modified)	6.21	PSI		NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	36.4	Volume Percent		MM	6/29/06
66	Percent Evaporated at 300 Degrees F D86	78.9	Volume Percent		MM	6/29/06
48	Aromatics in Gasoline MSD D5769	30.45	Volume Percent		TW	7/11/06
49	Olefins in by FIA D1319	11.4	Volume Percent		RCG	8/28/06
64	Benzene in Gasoline D3606	1.49	Volume Percent		TW	7/5/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/29/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/29/06
57	TAME by D5599	0.00	Volume Percent		TS	6/29/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/29/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/29/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/29/06
46	Aromatics by FIA D1319	29	Volume Percent		RCG	8/28/06
63	Benzene in Gasoline by GC/MSD D5769	1.49	Volume Percent		TW	7/11/06
630	Toluene in gasoline by MSD D5769	6.49	Volume Percent		TW	7/11/06
69	Specific Gravity @ 60 deg F D4052	0.75535	60/60F		MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.75529	60/60F		MM	6/27/06
692	Degrees API D4052	55.85	Degrees API		MM	6/27/06
692	Degrees API D4052	55.83	Degrees API		MM	6/27/06
691	Density @ 60 deg F D4052	0.75454	g/cm-03 @ 60 deg F		MM	6/27/06
691	Density @ 60 deg F D4052	0.7546	g/cm-03 @ 60 deg F		MM	6/27/06
101	Initial Boiling Point D86	100.4	Degrees F		MM	6/29/06
110	10 Percent D86	148.5	Degrees F		MM	6/29/06
150	50 Percent D86	228	Degrees F		MM	6/29/06
190	90 Percent D86	343.5	Degrees F		MM	6/29/06
200	End Point D86	431.2	Degrees F		MM	6/29/06
201	Residue D86	1.3	mL		MM	6/29/06

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202	Total Recovery	D86	97.9 mL	MM	6/29/06
203	Loss	D86	0.8 mL	MM	6/29/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/29/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/29/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/29/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/29/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/29/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/29/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06

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NVFEL Fuel Analysis Report

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/26/06.

Season: Winter

Kansas City Samples-
550SAT(MO)

FTAG: 14662

Comments: 57; 07-26-04

Test Code	Test Method	Results	Units	Fuel_ Code: 21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/29/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/29/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/29/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/29/06
421	Sulfur in Gasoline D2622	181	Parts Per Million		NST	7/6/06
62	Vapor Pressure by D5191 (Modified)	6.25	PS I		NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	36.8	Volume Percent		MM	6/29/06
66	Percent Evaporated at 300 Degrees F D86	79.9	Volume Percent		MM	6/29/06
48	Aromatics in Gasoline MSD D5769	32.35	Volume Percent		TW	7/11/06
49	Olefins in by FIA D1319	9.6	Volume Percent		RCG	8/28/06
64	Benzene in Gasoline D3606	1.58	Volume Percent		TW	7/5/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/29/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/29/06
57	TAME by D5599	0.00	Volume Percent		TS	6/29/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/29/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/29/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/29/06
630	Toluene in gasoline by MSD D5769	7.09	Volume Percent		TW	7/11/06
63	Benzene in Gasoline by GC/MSD D5769	1.57	Volume Percent		TW	7/11/06
46	Aromatics by FIA D1319	32.5	Volume Percent		RCG	8/28/06
69	Specific Gravity @ 60 deg F D4052	0.75698	60/60F		MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.75692	60/60F		MM	6/27/06
692	Degrees API D4052	55.44	Degrees API		MM	6/27/06
692	Degrees API D4052	55.43	Degrees API		MM	6/27/06
691	Density @ 60 deg F D4052	0.75623	g/cm-03 @ 60 deg F		MM	6/27/06
691	Density @ 60 deg F D4052	0.75617	g/cm-03 @ 60 deg F		MM	6/27/06
101	Initial Boiling Point D86	101.4	Degrees F		MM	6/29/06
110	10 Percent D86	148.6	Degrees F		MM	6/29/06
150	50 Percent D86	226.6	Degrees F		MM	6/29/06
190	90 Percent D86	336.2	Degrees F		MM	6/29/06
200	End Point D86	427.9	Degrees F		MM	6/29/06
201	Residue D86	1	mL		MM	6/29/06
202	Total Recovery D86	98.2	mL		MM	6/29/06

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NVFEL Fuel Analysis Report

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203	Loss	D86	0.8 mL	MM	6/29/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/29/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/29/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/29/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/29/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/29/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/29/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/26/06.

Season: Winter

Kansas City Samples-
SIE276(KS)

FTAG: 14663

Comments: 76; 8-2-04

Test Code	Test Method	Results	Units	Fuel Code: 21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/29/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/29/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/29/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/29/06
421	Sulfur in Gasoline D2622	172	Parts Per Million		NST	7/6/06
62	Vapor Pressure by D5191 (Modified)	7.89	PSI		NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	41.4	Volume Percent		MM	6/29/06
66	Percent Evaporated at 300 Degrees F D86	80.2	Volume Percent		MM	6/29/06
48	Aromatics in Gasoline MSD D5769	31.81	Volume Percent		TW	7/11/06
49	Olefins in by FIA D1319	8.7	Volume Percent		RCG	8/28/06
64	Benzene in Gasoline D3606	1.79	Volume Percent		TW	7/5/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/29/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/29/06
57	TAME by D5599	0.00	Volume Percent		TS	6/29/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/29/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/29/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/29/06
630	Toluene in gasoline by MSD D5769	7.2	Volume Percent		TW	7/11/06
63	Benzene in Gasoline by GC/MSD D5769	1.8	Volume Percent		TW	7/11/06
46	Aromatics by FIA D1319	31.3	Volume Percent		RCG	8/28/06
69	Specific Gravity @ 60 deg F D4052	0.75296	60/60F		MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.75286	60/60F		MM	6/27/06
692	Degrees API D4052	56.45	Degrees API		MM	6/27/06
692	Degrees API D4052	56.43	Degrees API		MM	6/27/06
691	Density @ 60 deg F D4052	0.75221	g/cm-03 @ 60 deg F		MM	6/27/06
691	Density @ 60 deg F D4052	0.75212	g/cm-03 @ 60 deg F		MM	6/27/06
101	Initial Boiling Point D86	95.8	Degrees F		MM	6/29/06
110	10 Percent D86	133.9	Degrees F		MM	6/29/06
150	50 Percent D86	220.4	Degrees F		MM	6/29/06
190	90 Percent D86	334.8	Degrees F		MM	6/29/06
200	End Point D86	418.8	Degrees F		MM	6/29/06
201	Residue D86	1.1	mL		MM	6/29/06
202	Total Recovery D86	97.7	mL		MM	6/29/06

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203	Loss	D86	1.2 mL	MM	6/29/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/29/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/29/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/29/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/29/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/29/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/29/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06

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NVFEL Fuel Analysis Report

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/26/06.

VOC

Season: Winter

Kansas City Samples- 750NBW(MO) **FTAG: 14664** **Comments: 99; 8-3-04**

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/29/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/29/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/29/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/29/06
421	Sulfur in Gasoline D2622	50	Parts Per Million		NST	7/6/06
62	Vapor Pressure by D5191 (Modified)	6.74	PSI		NST	6/26/06
62	Vapor Pressure by D5191 (Modified)	6.74	PSI		NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	39.7	Volume Percent		MM	6/29/06
66	Percent Evaporated at 300 Degrees F D86	75.2	Volume Percent		MM	6/29/06
48	Aromatics in Gasoline MSD D5769	32.18	Volume Percent		TW	7/11/06
49	Olefins in by FIA D1319	8	Volume Percent		RCG	8/28/06
49	Olefins in by FIA D1319	8.6	Volume Percent		RCG	8/28/06
64	Benzene in Gasoline D3606	1.47	Volume Percent		TW	7/5/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/29/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/29/06
57	TAME by D5599	0.00	Volume Percent		TS	6/29/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/29/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/29/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/29/06
46	Aromatics by FIA D1319	31.1	Volume Percent		RCG	8/28/06
46	Aromatics by FIA D1319	31.5	Volume Percent		RCG	8/28/06
63	Benzene in Gasoline by GC/MSD D5769	1.48	Volume Percent		TW	7/11/06
630	Toluene in gasoline by MSD D5769	6	Volume Percent		TW	7/11/06
69	Specific Gravity @ 60 deg F D4052	0.75462	60/60F		MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.75463	60/60F		MM	6/27/06
692	Degrees API D4052	56.01	Degrees API		MM	6/27/06
692	Degrees API D4052	56.01	Degrees API		MM	6/27/06
691	Density @ 60 deg F D4052	0.75388	g/cm-03 @ 60 deg F		MM	6/27/06
691	Density @ 60 deg F D4052	0.75388	g/cm-03 @ 60 deg F		MM	6/27/06
101	Initial Boiling Point D86	100.7	Degrees F		MM	6/29/06
110	10 Percent D86	139.9	Degrees F		MM	6/29/06
150	50 Percent D86	225.6	Degrees F		MM	6/29/06
190	90 Percent D86	350.7	Degrees F		MM	6/29/06

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200	End Point	D86	417 Degrees F	MM	6/29/06
201	Residue	D86	1 mL	MM	6/29/06
202	Total Recovery	D86	97.89999 mL	MM	6/29/06
203	Loss	D86	1.1 mL	MM	6/29/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/29/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/29/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/29/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/29/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/29/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/29/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/26/06.

Season: Winter

Kansas City Samples-
116MGP

FTAG: 14665

Comments: 443; 9-30-04

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/29/06
552	MTBE by D5599	0.00	Oxy Percent			TS	6/29/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/29/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/29/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/29/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/29/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/29/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/29/06
421	Sulfur in Gasoline D2622	76	Parts Per Million			NST	7/6/06
62	Vapor Pressure by D5191 (Modified)	8.89	PSI			NST	6/26/06
62	Vapor Pressure by D5191 (Modified)	8.88	PSI			NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	47.1	Volume Percent			MM	6/29/06
66	Percent Evaporated at 300 Degrees F D86	82.6	Volume Percent			MM	6/29/06
48	Aromatics in Gasoline MSD D5769	23.79	Volume Percent			TW	7/11/06
49	Olefins in by FIA D1319	9.7	Volume Percent			RCG	8/28/06
64	Benzene in Gasoline D3606	0.96	Volume Percent			TW	7/5/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/29/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/29/06
57	TAME by D5599	0.00	Volume Percent			TS	6/29/06
57	TAME by D5599	0.00	Volume Percent			TS	6/29/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/29/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/29/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/29/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/29/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/29/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/29/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/29/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/29/06
46	Aromatics by FIA D1319	23.6	Volume Percent			RCG	8/28/06
63	Benzene in Gasoline by GC/MSD D5769	0.96	Volume Percent			TW	7/11/06
630	Toluene in gasoline by MSD D5769	5.01	Volume Percent			TW	7/11/06
69	Specific Gravity @ 60 deg F D4052	0.73774	60/60F			MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.7378	60/60F			MM	6/27/06

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692	Degrees API	D4052	60.29 Degrees API	MM	6/27/06
692	Degrees API	D4052	60.3 Degrees API	MM	6/27/06
691	Density @ 60 deg F	D4052	0.73707 g/cm-03 @ 60 deg F	MM	6/27/06
691	Density @ 60 deg F	D4052	0.73701 g/cm-03 @ 60 deg F	MM	6/27/06
101	Initial Boiling Point	D86	92.2 Degrees F	MM	6/29/06
110	10 Percent	D86	126 Degrees F	MM	6/29/06
150	50 Percent	D86	206.1 Degrees F	MM	6/29/06
190	90 Percent	D86	334.7 Degrees F	MM	6/29/06
200	End Point	D86	418.1 Degrees F	MM	6/29/06
201	Residue	D86	1.2 mL	MM	6/29/06
202	Total Recovery	D86	97.3 mL	MM	6/29/06
203	Loss	D86	1.5 mL	MM	6/29/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/29/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/29/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/29/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/29/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/29/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/29/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/29/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/29/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/29/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/29/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/29/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/29/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/29/06

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NVFEL Fuel Analysis Report

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/13/06.

Season: Winter

Kansas City Samples- FTAG: 14612 Comments: 926; 4-6-05
979GS8(Mo)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/19/06
552	MTBE by D5599	0.00	Oxy Percent			TS	6/19/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/19/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/19/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/19/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/19/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/19/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/19/06
421	Sulfur in Gasoline D2622	63	Parts Per Million			NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	10.23	PSI			MM	6/14/06
65	Percent Evaporated at 200 Degrees F D86	34.8	Volume Percent			MM	6/16/06
66	Percent Evaporated at 300 Degrees F D86	88.5	Volume Percent			MM	6/16/06
48	Aromatics in Gasoline MSD D5769	22.03	Volume Percent			TW	6/22/06
49	Olefins in by FIA D1319	3.2	Volume Percent			RCG	8/21/06
64	Benzene in Gasoline D3606	1.17	Volume Percent			TW	6/19/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/19/06
57	TAME by D5599	0.00	Volume Percent			TS	6/19/06
57	TAME by D5599	0.00	Volume Percent			TS	6/19/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/19/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/19/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/19/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/19/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/19/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/19/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/19/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/19/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/19/06
46	Aromatics by FIA D1319	20.1	Volume Percent			RCG	8/21/06
63	Benzene in Gasoline by GC/MSD D5769	1.15	Volume Percent			TW	6/22/06
630	Toluene in gasoline by MSD D5769	5.76	Volume Percent			TW	6/22/06
69	Specific Gravity @ 60 deg F D4052	0.7292	60/60F			MM	6/14/06
69	Specific Gravity @ 60 deg F D4052	0.72913	60/60F			MM	6/14/06
692	Degrees API D4052	62.57	Degrees API			MM	6/14/06

NVFEL Fuel Analysis Report

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692	Degrees API	D4052	62.55 Degrees API	MM	6/14/06
691	Density @ 60 deg F	D4052	0.72848 g/cm-03 @ 60 deg F	MM	6/14/06
691	Density @ 60 deg F	D4052	0.72841 g/cm-03 @ 60 deg F	MM	6/14/06
101	Initial Boiling Point	D86	87.6 Degrees F	MM	6/16/06
110	10 Percent	D86	126.3 Degrees F	MM	6/16/06
150	50 Percent	D86	222.6 Degrees F	MM	6/16/06
190	90 Percent	D86	308.3 Degrees F	MM	6/16/06
200	End Point	D86	391 Degrees F	MM	6/16/06
201	Residue	D86	1.2 mL	MM	6/16/06
202	Total Recovery	D86	97.4 mL	MM	6/16/06
203	Loss	D86	1.4 mL	MM	6/16/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/19/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/19/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/19/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/19/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/19/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/19/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/19/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/19/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/19/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/19/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/19/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/19/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/19/06

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NVFEL Fuel Analysis Report

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/19/06.

Season: Winter

Kansas City Samples-HD 2 FTAG: 14628

Comments: 41; 7-22-04

LEW

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/22/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/22/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/22/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/22/06
421	Sulfur in Gasoline D2622	227	Parts Per Million			NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	6.48	PSI			NST	6/19/06
65	Percent Evaporated at 200 Degrees F D86	37.1	Volume Percent			MM	6/20/06
66	Percent Evaporated at 300 Degrees F D86	81.1	Volume Percent			MM	6/20/06
48	Aromatics in Gasoline MSD D5769	33.32	Volume Percent			TW	6/22/06
48	Aromatics in Gasoline MSD D5769	33.29	Volume Percent			TW	6/22/06
49	Olefins in by FIA D1319	8.5	Volume Percent			RCG	8/21/06
64	Benzene in Gasoline D3606	1.79	Volume Percent			TW	6/19/06
64	Benzene in Gasoline D3606	1.80	Volume Percent			TW	6/19/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/22/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/22/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/22/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/22/06
57	TAME by D5599	0.00	Volume Percent			TS	6/22/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/22/06
630	Toluene in gasoline by MSD D5769	7.73	Volume Percent			TW	6/22/06
63	Benzene in Gasoline by GC/MSD D5769	1.77	Volume Percent			TW	6/22/06
630	Toluene in gasoline by MSD D5769	7.69	Volume Percent			TW	6/22/06
63	Benzene in Gasoline by GC/MSD D5769	1.77	Volume Percent			TW	6/22/06
46	Aromatics by FIA D1319	32.6	Volume Percent			RCG	8/21/06
69	Specific Gravity @ 60 deg F D4052	0.75755	60/60F			MM	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.75748	60/60F			MM	6/20/06
692	Degrees API D4052	55.3	Degrees API			MM	6/20/06
692	Degrees API D4052	55.29	Degrees API			MM	6/20/06
691	Density @ 60 deg F D4052	0.75673	g/cm-03 @ 60 deg F			MM	6/20/06
691	Density @ 60 deg F D4052	0.7568	g/cm-03 @ 60 deg F			MM	6/20/06
101	Initial Boiling Point D86	99.2	Degrees F			MM	6/20/06
110	10 Percent D86	145	Degrees F			MM	6/20/06
150	50 Percent D86	226.9	Degrees F			MM	6/20/06

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190	90 Percent	D86	331 Degrees F	MM	6/20/06
200	End Point	D86	410.9 Degrees F	MM	6/20/06
201	Residue	D86	1.1 mL	MM	6/20/06
202	Total Recovery	D86	97.8 mL	MM	6/20/06
203	Loss	D86	1.1 mL	MM	6/20/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/22/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/22/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/22/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/22/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/22/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/22/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

Inspection information logged in by MM on 6/19/06.

VOC

Season: Winter

Kansas City Samples-
SKI006(KS)

FTAG: 14629

Comments: 66; 7-27-04

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/22/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/22/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/22/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/22/06
421	Sulfur in Gasoline D2622	15	Parts Per Million		NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	6.19	PSI		NST	6/19/06
65	Percent Evaporated at 200 Degrees F D86	27.5	Volume Percent		MM	6/20/06
66	Percent Evaporated at 300 Degrees F D86	85.2	Volume Percent		MM	6/20/06
48	Aromatics in Gasoline MSD D5769	27.84	Volume Percent		TW	6/22/06
49	Olefins in by FIA D1319	2.4	Volume Percent		RCG	8/21/06
64	Benzene in Gasoline D3606	1.73	Volume Percent		TW	6/28/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/22/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/22/06
57	TAME by D5599	0.00	Volume Percent		TS	6/22/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/22/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/22/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/22/06
630	Toluene in gasoline by MSD D5769	7.58	Volume Percent		TW	6/22/06
63	Benzene in Gasoline by GC/MSD D5769	1.69	Volume Percent		TW	6/22/06
46	Aromatics by FIA D1319	25.9	Volume Percent		RCG	8/21/06
69	Specific Gravity @ 60 deg F D4052	0.74681	60/60F		MM	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.74675	60/60F		MM	6/20/06
692	Degrees API D4052	57.99	Degrees API		MM	6/20/06
692	Degrees API D4052	57.97	Degrees API		MM	6/20/06
691	Density @ 60 deg F D4052	0.74607	g/cm-03 @ 60 deg F		MM	6/20/06
691	Density @ 60 deg F D4052	0.74601	g/cm-03 @ 60 deg F		MM	6/20/06
101	Initial Boiling Point D86	99.3	Degrees F		MM	6/20/06
110	10 Percent D86	159.8	Degrees F		MM	6/20/06
150	50 Percent D86	228.9	Degrees F		MM	6/20/06
190	90 Percent D86	321.5	Degrees F		MM	6/20/06
200	End Point D86	403.4	Degrees F		MM	6/20/06
201	Residue D86	1.1	mL		MM	6/20/06
202	Total Recovery D86	97.7	mL		MM	6/20/06

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203	Loss	D86	1.2 mL	MM	6/20/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/22/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/22/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/22/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/22/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/22/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/22/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/19/06.

Season: Winter

Kansas City Samples-
130RJ3(MO)

FTAG: 14630

Comments: 208; 8-24-04

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/22/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/22/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/22/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/22/06
421	Sulfur in Gasoline D2622	165	Parts Per Million			NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	7.08	PSI			NST	6/19/06
65	Percent Evaporated at 200 Degrees F D86	38.6	Volume Percent			MM	6/21/06
66	Percent Evaporated at 300 Degrees F D86	80.4	Volume Percent			MM	6/21/06
48	Aromatics in Gasoline MSD D5769	33.35	Volume Percent			TW	6/22/06
49	Olefins in by FIA D1319	10.3	Volume Percent			RCG	8/21/06
64	Benzene in Gasoline D3606	1.73	Volume Percent			TW	6/28/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/22/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/22/06
57	TAME by D5599	0.00	Volume Percent			TS	6/22/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/22/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/22/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/22/06
630	Toluene in gasoline by MSD D5769	7.52	Volume Percent			TW	6/22/06
46	Aromatics by FIA D1319	32.7	Volume Percent			RCG	8/21/06
63	Benzene in Gasoline by GC/MSD D5769	1.7	Volume Percent			TW	6/22/06
69	Specific Gravity @ 60 deg F D4052	0.7568	60/60F			MM	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.75676	60/60F			MM	6/20/06
692	Degrees API D4052	55.47	Degrees API			MM	6/20/06
692	Degrees API D4052	55.48	Degrees API			MM	6/20/06
691	Density @ 60 deg F D4052	0.75601	g/cm-03 @ 60 deg F			MM	6/20/06
691	Density @ 60 deg F D4052	0.75605	g/cm-03 @ 60 deg F			MM	6/20/06
101	Initial Boiling Point D86	97	Degrees F			MM	6/21/06
110	10 Percent D86	140.7	Degrees F			MM	6/21/06
150	50 Percent D86	225.4	Degrees F			MM	6/21/06
190	90 Percent D86	332.9	Degrees F			MM	6/21/06
200	End Point D86	413	Degrees F			MM	6/21/06
201	Residue D86	0.9	mL			MM	6/21/06
202	Total Recovery D86	98.10001	mL			MM	6/21/06

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203	Loss	D86	1 mL	MM	6/21/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/22/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/22/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/22/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/22/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/22/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/22/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/19/06.

Season: Winter

Kansas City Samples- FTAG: 14631 Comments: 221; 8-26-04
052DYF(MO)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/22/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/22/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/22/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/22/06
421	Sulfur in Gasoline D2622	133	Parts Per Million		NST	6/27/06
421	Sulfur in Gasoline D2622	130	Parts Per Million		NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	6.51	PSI		NST	6/19/06
65	Percent Evaporated at 200 Degrees F D86	36.9	Volume Percent		MM	6/21/06
66	Percent Evaporated at 300 Degrees F D86	79.2	Volume Percent		MM	6/21/06
48	Aromatics in Gasoline MSD D5769	29.64	Volume Percent		TW	6/22/06
49	Olefins in by FIA D1319	11.6	Volume Percent		RCG	8/21/06
64	Benzene in Gasoline D3606	1.28	Volume Percent		TW	6/28/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/22/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/22/06
57	TAME by D5599	0.00	Volume Percent		TS	6/22/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/22/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/22/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/22/06
630	Toluene in gasoline by MSD D5769	6.18	Volumn Percent		TW	6/22/06
46	Aromatics by FIA D1319	29.9	Volume Percent		RCG	8/21/06
63	Benzene in Gasoline by GC/MSD D5769	1.27	Volume Percent		TW	6/22/06
69	Specific Gravity @ 60 deg F D4052	0.75447	60/60F		MM	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.75438	60/60F		MM	6/20/06
692	Degrees API D4052	56.05	Degrees API		MM	6/20/06
692	Degrees API D4052	56.07	Degrees API		MM	6/20/06
691	Density @ 60 deg F D4052	0.75363	g/cm-03 @ 60 deg F		MM	6/20/06
691	Density @ 60 deg F D4052	0.75373	g/cm-03 @ 60 deg F		MM	6/20/06
101	Initial Boiling Point D86	100.1	Degrees F		MM	6/21/06
110	10 Percent D86	146.3	Degrees F		MM	6/21/06
150	50 Percent D86	226.4	Degrees F		MM	6/21/06
190	90 Percent D86	342.2	Degrees F		MM	6/21/06
200	End Point D86	439.5	Degrees F		MM	6/21/06
201	Residue D86	1.1	mL		MM	6/21/06

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202	Total Recovery	D86	97.89999 mL	MM	6/21/06
203	Loss	D86	1 mL	MM	6/21/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/22/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/22/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/22/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/22/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/22/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/22/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/19/06.

Season: Winter

Kansas City Samples-
852HBL(MO)

FTAG: 14632

Comments: 254; 9-1-04

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/22/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/22/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/22/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/22/06
421	Sulfur in Gasoline D2622	153	Parts Per Million			NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	6.21	PSI			NST	6/19/06
65	Percent Evaporated at 200 Degrees F D86	35.7	Volume Percent			MM	6/21/06
66	Percent Evaporated at 300 Degrees F D86	79.9	Volume Percent			MM	6/21/06
48	Aromatics in Gasoline MSD D5769	38.24	Volume Percent			TW	6/22/06
49	Olefins in by FIA D1319	8	Volume Percent			RCG	8/21/06
64	Benzene in Gasoline D3606	2.18	Volume Percent			TW	6/28/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/22/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/22/06
57	TAME by D5599	0.00	Volume Percent			TS	6/22/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/22/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/22/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/22/06
630	Toluene in gasoline by MSD D5769	8.73	Volume Percent			TW	6/22/06
46	Aromatics by FIA D1319	38.9	Volume Percent			RCG	8/21/06
63	Benzene in Gasoline by GC/MSD D5769	2.14	Volume Percent			TW	6/22/06
69	Specific Gravity @ 60 deg F D4052	0.76474	60/60F			MM	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.7647	60/60F			MM	6/20/06
692	Degrees API D4052	53.54	Degrees API			MM	6/20/06
692	Degrees API D4052	53.53	Degrees API			MM	6/20/06
691	Density @ 60 deg F D4052	0.76398	g/cm-03 @ 60 deg F			MM	6/20/06
691	Density @ 60 deg F D4052	0.76395	g/cm-03 @ 60 deg F			MM	6/20/06
101	Initial Boiling Point D86	101.7	Degrees F			MM	6/21/06
110	10 Percent D86	148.5	Degrees F			MM	6/21/06
150	50 Percent D86	231	Degrees F			MM	6/21/06
190	90 Percent D86	332.8	Degrees F			MM	6/21/06
200	End Point D86	410.8	Degrees F			MM	6/21/06
201	Residue D86	1	mL			MM	6/21/06
202	Total Recovery D86	98.3	mL			MM	6/21/06

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203	Loss	D86	0.7 mL	MM	6/21/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/22/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/22/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/22/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/22/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/22/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/22/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/19/06.

Season: Winter

Kansas City Samples-
TDN989(KS)

FTAG: 14633

Comments: 301; 9-9-04

Test Code	Test Method	Results	Units	Fuel_ Code: 21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/22/06
552	MTBE by D5599	0.00	Oxy Percent		TS	6/22/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/22/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/22/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/22/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/22/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/22/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/22/06
421	Sulfur in Gasoline D2622	61	Parts Per Million		NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	6.63	PSI		NST	6/19/06
65	Percent Evaporated at 200 Degrees F D86	37.6	Volume Percent		MM	6/21/06
66	Percent Evaporated at 300 Degrees F D86	80.7	Volume Percent		MM	6/21/06
48	Aromatics in Gasoline MSD D5769	28.29	Volume Percent		TW	6/22/06
49	Olefins in by FIA D1319	11.6	Volume Percent		RCG	8/22/06
64	Benzene in Gasoline D3606	0.79	Volume Percent		TW	6/28/06
57	TAME by D5599	0.00	Volume Percent		TS	6/22/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/22/06
57	TAME by D5599	0.00	Volume Percent		TS	6/22/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/22/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/22/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/22/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/22/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/22/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/22/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/22/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/22/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/22/06
63	Benzene in Gasoline by GC/MSD D5769	0.78	Volume Percent		TW	6/22/06
46	Aromatics by FIA D1319	28.6	Volume Percent		RCG	8/22/06
630	Toluene in gasoline by MSD D5769	8.54	Volume Percent		TW	6/22/06
69	Specific Gravity @ 60 deg F D4052	0.75231	60/60F		MM	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.75227	60/60F		MM	6/20/06
692	Degrees API D4052	56.59	Degrees API		MM	6/20/06

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692	Degrees API	D4052	56.6 Degrees API	MM	6/20/06
691	Density @ 60 deg F	D4052	0.75157 g/cm-03 @ 60 deg F	MM	6/20/06
691	Density @ 60 deg F	D4052	0.75153 g/cm-03 @ 60 deg F	MM	6/20/06
101	Initial Boiling Point	D86	98.6 Degrees F	MM	6/21/06
110	10 Percent	D86	145.5 Degrees F	MM	6/21/06
150	50 Percent	D86	223.8 Degrees F	MM	6/21/06
190	90 Percent	D86	343.7 Degrees F	MM	6/21/06
200	End Point	D86	429.1 Degrees F	MM	6/21/06
201	Residue	D86	1 mL	MM	6/21/06
202	Total Recovery	D86	98.1 mL	MM	6/21/06
203	Loss	D86	0.9 mL	MM	6/21/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/22/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/22/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/22/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/22/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/22/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/22/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/22/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/22/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/22/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/22/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/22/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/22/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/19/06.

Season: Winter

Kansas City Samples-
309PNM(MO)

FTAG: 14634

Comments: 343; 9-17-04

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/22/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/22/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/22/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/22/06
421	Sulfur in Gasoline D2622	139	Parts Per Million			NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	6.74	PSI			NST	6/19/06
65	Percent Evaporated at 200 Degrees F D86	37.9	Volume Percent			MM	6/21/06
66	Percent Evaporated at 300 Degrees F D86	80.5	Volume Percent			MM	6/21/06
48	Aromatics in Gasoline MSD D5769	34.89	Volume Percent			TW	6/22/06
49	Olefins in by FIA D1319	8.6	Volume Percent			RCG	8/22/06
64	Benzene in Gasoline D3606	1.89	Volume Percent			TW	6/28/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/22/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/22/06
57	TAME by D5599	0.00	Volume Percent			TS	6/22/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/22/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/22/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/22/06
630	Toluene in gasoline by MSD D5769	7.84	Volume Percent			TW	6/22/06
63	Benzene in Gasoline by GC/MSD D5769	1.86	Volume Percent			TW	6/22/06
46	Aromatics by FIA D1319	35.1	Volume Percent			RCG	8/22/06
69	Specific Gravity @ 60 deg F D4052	0.75868	60/60F			MM	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.7586	60/60F			MM	6/20/06
692	Degrees API D4052	55.03	Degrees API			MM	6/20/06
692	Degrees API D4052	55.01	Degrees API			MM	6/20/06
691	Density @ 60 deg F D4052	0.75793	g/cm-03 @ 60 deg F			MM	6/20/06
691	Density @ 60 deg F D4052	0.75785	g/cm-03 @ 60 deg F			MM	6/20/06
101	Initial Boiling Point D86	98.8	Degrees F			MM	6/21/06
110	10 Percent D86	143.3	Degrees F			MM	6/21/06
150	50 Percent D86	226.7	Degrees F			MM	6/21/06
190	90 Percent D86	331.5	Degrees F			MM	6/21/06
200	End Point D86	414.1	Degrees F			MM	6/21/06
201	Residue D86	0.9	mL			MM	6/21/06
202	Total Recovery D86	98.10001	mL			MM	6/21/06

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203	Loss	D86	1 mL	MM	6/21/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/22/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/22/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/22/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/22/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/22/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/22/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/22/06

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/19/06.

Season: Winter

Kansas City Samples- FTAG: 14635 Comments: 557; 1/17/05
615TSB(MO)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/22/06
552	MTBE by D5599	0.00	Oxy Percent			TS	6/22/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/22/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/22/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/22/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/22/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/22/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/22/06
421	Sulfur in Gasoline D2622	54	Parts Per Million			NST	6/20/06
421	Sulfur in Gasoline D2622	52	Parts Per Million			NST	6/20/06
62	Vapor Pressure by D5191 (Modified)	13.36	PSI			NST	6/19/06
65	Percent Evaporated at 200 Degrees F D86	43.8	Volume Percent			MM	6/21/06
66	Percent Evaporated at 300 Degrees F D86	88.1	Volume Percent			MM	6/21/06
48	Aromatics in Gasoline MSD D5769	25.48	Volume Percent			TW	6/22/06
49	Olefins in by FIA D1319	3.9	Volume Percent			RCG	8/22/06
64	Benzene in Gasoline D3606	0.41	Volume Percent			TW	6/28/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/22/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/22/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/22/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/22/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/22/06
57	TAME by D5599	0.00	Volume Percent			TS	6/22/06
57	TAME by D5599	0.00	Volume Percent			TS	6/22/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/22/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/22/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/22/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/22/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/22/06
46	Aromatics by FIA D1319	23.7	Volume Percent			RCG	8/22/06
630	Toluene in gasoline by MSD D5769	10.55	Volume Percent			TW	6/22/06
63	Benzene in Gasoline by GC/MSD D5769	0.4	Volume Percent			TW	6/22/06
69	Specific Gravity @ 60 deg F D4052	0.72749	60/60F			MM	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.72748	60/60F			MM	6/20/06

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692	Degrees API	D4052	63.01	Degrees API	MM	6/20/06
692	Degrees API	D4052	63.01	Degrees API	MM	6/20/06
691	Density @ 60 deg F	D4052	0.72677	g/cm-03 @ 60 deg F	MM	6/20/06
691	Density @ 60 deg F	D4052	0.72676	g/cm-03 @ 60 deg F	MM	6/20/06
101	Initial Boiling Point	D86	81.2	Degrees F	MM	6/21/06
110	10 Percent	D86	102.9	Degrees F	MM	6/21/06
150	50-Percent	D86	214.3	Degrees F	MM	6/21/06
190	90 Percent	D86	310.8	Degrees F	MM	6/21/06
200	End Point	D86	395.9	Degrees F	MM	6/21/06
201	Residue	D86	1.1	mL	MM	6/21/06
202	Total Recovery	D86	96.9	mL	MM	6/21/06
203	Loss	D86	2	mL	MM	6/21/06
543	Methanol	by D5599	0.00	Volume Percent	TS	6/22/06
543	Methanol	by D5599	0.00	Volume Percent	TS	6/22/06
584	Isopropanol	by D5599	0.00	Volume Percent	TS	6/22/06
584	Isopropanol	by D5599	0.00	Volume Percent	TS	6/22/06
585	t-Butanol	by D5599	0.00	Volume Percent	TS	6/22/06
585	t-Butanol	by D5599	0.00	Volume Percent	TS	6/22/06
586	n-Propanol	by D5599	0.00	Volume Percent	TS	6/22/06
586	n-Propanol	by D5599	0.00	Volume Percent	TS	6/22/06
587	sec-Butanol	by D5599	0.00	Volume Percent	TS	6/22/06
587	sec-Butanol	by D5599	0.00	Volume Percent	TS	6/22/06
588	DIPE	by D5599	0.00	Volume Percent	TS	6/22/06
588	DIPE	by D5599	0.00	Volume Percent	TS	6/22/06
589	Isobutanol	by D5599	0.00	Volume Percent	TS	6/22/06
589	Isobutanol	by D5599	0.00	Volume Percent	TS	6/22/06
5801	t-Amyl Alcohol	by D5599	0.00	Volume Percent	TS	6/22/06
5801	t-Amyl Alcohol	by D5599	0.00	Volume Percent	TS	6/22/06
5802	n-Butanol	by D5599	0.00	Volume Percent	TS	6/22/06
5802	n-Butanol	by D5599	0.00	Volume Percent	TS	6/22/06

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/19/06.

Season: Winter

Kansas City Samples-
SJ495(KS)

FTAG: 14636

Comments: 606; 1-27-05

Test Code	Test Method	Results	Units	Fuel_ Code: 21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/28/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/28/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/28/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/28/06
421	Sulfur in Gasoline D2622	89	Parts Per Million		NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	13.55	PSI		NST	6/19/06
65	Percent Evaporated at 200 Degrees F D86	46.5	Volume Percent		MM	6/22/06
65	Percent Evaporated at 200 Degrees F D86	46.5	Volume Percent		MM	6/22/06
66	Percent Evaporated at 300 Degrees F D86	85.9	Volume Percent		MM	6/22/06
66	Percent Evaporated at 300 Degrees F D86	85.8	Volume Percent		MM	6/22/06
48	Aromatics in Gasoline MSD D5769	23.54	Volume Percent		TW	6/22/06
49	Olefins in by FIA D1319	6.7	Volume Percent		RCG	8/22/06
64	Benzene in Gasoline D3606	0.73	Volume Percent		TW	6/28/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/28/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/28/06
57	TAME by D5599	0.00	Volume Percent		TS	6/28/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/28/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/28/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/28/06
46	Aromatics by FIA D1319	22.9	Volume Percent		RCG	8/22/06
630	Toluene in gasoline by MSD D5769	7.75	Volume Percent		TW	6/22/06
63	Benzene in Gasoline by GC/MSD D5769	0.72	Volume Percent		TW	6/22/06
69	Specific Gravity @ 60 deg F D4052	0.7289	60/60F		MM	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.72888	60/60F		MM	6/20/06
692	Degrees API D4052	62.63	Degrees API		MM	6/20/06
692	Degrees API D4052	62.63	Degrees API		MM	6/20/06
691	Density @ 60 deg F D4052	0.72816	g/cm-03 @ 60 deg F		MM	6/20/06
691	Density @ 60 deg F D4052	0.72818	g/cm-03 @ 60 deg F		MM	6/20/06
101	Initial Boiling Point D86	80.4	Degrees F		MM	6/22/06
101	Initial Boiling Point D86	80.3	Degrees F		MM	6/22/06
110	10 Percent D86	102.2	Degrees F		MM	6/22/06
110	10 Percent D86	101.8	Degrees F		MM	6/22/06
150	50 Percent D86	208.7	Degrees F		MM	6/22/06

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150	50 Percent	D86	208.4 Degrees F	MM	6/22/06
190	90 Percent	D86	321.5 Degrees F	MM	6/22/06
190	90 Percent	D86	322.2 Degrees F	MM	6/22/06
200	End Point	D86	416.7 Degrees F	MM	6/22/06
200	End Point	D86	409.6 Degrees F	MM	6/22/06
201	Residue	D86	0.9 mL	MM	6/22/06
201	Residue	D86	1.2 mL	MM	6/22/06
202	Total Recovery	D86	97 mL	MM	6/22/06
202	Total Recovery	D86	97 mL	MM	6/22/06
203	Loss	D86	1.8 mL	MM	6/22/06
203	Loss	D86	2.1 mL	MM	6/22/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/28/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/28/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/28/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/28/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/28/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/28/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06

NVFEL Fuel Analysis Report

14637

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/19/06.

Season: Winter

Kansas City Samples- FTAG: 14637 Comments: 608; 1-27-05
 154FFB(MO)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/28/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/28/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/28/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/28/06
421	Sulfur in Gasoline D2622	103	Parts Per Million			NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	14.49	PSI			NST	6/19/06
65	Percent Evaporated at 200 Degrees F D86	50.2	Volume Percent			MM	6/22/06
66	Percent Evaporated at 300 Degrees F D86	83.7	Volume Percent			MM	6/22/06
48	Aromatics in Gasoline MSD D5769	21.86	Volume Percent			TW	6/22/06
49	Olefins in by FIA D1319	10	Volume Percent			RCG	8/22/06
64	Benzene in Gasoline D3606	1.00	Volume Percent			TW	6/28/06
59	Weight Percent Oxygen by D5599	0.07	Weight Percent			TS	6/28/06
57	TAME by D5599	0.00	Volume Percent			TS	6/28/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/28/06
593	Volume Percent Oxygenates by D5599	0.24	Volume Percent			TS	6/28/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/28/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/28/06
630	Toluene in gasoline by MSD D5769	4.94	Volume Percent			TW	6/22/06
63	Benzene in Gasoline by GC/MSD D5769	0.99	Volume Percent			TW	6/22/06
46	Aromatics by FIA D1319	19.8	Volume Percent			RCG	8/22/06
69	Specific Gravity @ 60 deg F D4052	0.72618	60/60F			MM	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.72617	60/60F			MM	6/20/06
692	Degrees API D4052	63.36	Degrees API			MM	6/20/06
692	Degrees API D4052	63.36	Degrees API			MM	6/20/06
691	Density @ 60 deg F D4052	0.72546	g/cm-03 @ 60 deg F			MM	6/20/06
691	Density @ 60 deg F D4052	0.72546	g/cm-03 @ 60 deg F			MM	6/20/06
101	Initial Boiling Point D86	79.4	Degrees F			MM	6/22/06
110	10 Percent D86	98.6	Degrees F			MM	6/22/06
150	50 Percent D86	199.5	Degrees F			MM	6/22/06
190	90 Percent D86	330.3	Degrees F			MM	6/22/06
200	End Point D86	443.3	Degrees F			MM	6/22/06
201	Residue D86	1.2	mL			MM	6/22/06
202	Total Recovery D86	97	mL			MM	6/22/06

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203	Loss	D86	1.8 mL	MM	6/22/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/28/06
584	Isopropanol	by D5599	0.24 Volume Percent	TS	6/28/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/28/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/28/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/28/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/28/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06

NVFEL Fuel Analysis Report

14638

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/19/06.

Season: Winter

Kansas City Samples- FTAG: 14638 Comments: 646; 2-5-05
066RHM(MO)

Test Code	Test Method	Results	Units	Fuel_ 21 Code:	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent		TS	6/28/06
562	ETBE by D5599	0.00	Oxy Percent		TS	6/28/06
534	Ethanol by D5599	0.00	Oxy Percent		TS	6/28/06
572	TAME by D5599	0.00	Oxy Percent		TS	6/28/06
421	Sulfur in Gasoline D2622	215	Parts Per Million		NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	13.2	PSI		NST	6/19/06
65	Percent Evaporated at 200 Degrees F D86	50.7	Volume Percent		MM	6/22/06
66	Percent Evaporated at 300 Degrees F D86	84.4	Volume Percent		MM	6/22/06
48	Aromatics in Gasoline MSD D5769	23.75	Volume Percent		TW	6/22/06
49	Olefins in by FIA D1319	10.5	Volume Percent		RCG	8/22/06
64	Benzene in Gasoline D3606	1.20	Volume Percent		TW	6/28/06
64	Benzene in Gasoline D3606	1.20	Volume Percent		TW	6/28/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent		TS	6/28/06
57	TAME by D5599	0.00	Volume Percent		TS	6/28/06
55	MTBE by D5599	0.00	Volume Percent		TS	6/28/06
532	Ethanol by D5599	0.00	Volume Percent		TS	6/28/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent		TS	6/28/06
56	ETBE by D5599	0.00	Volume Percent		TS	6/28/06
630	Toluene in gasoline by MSD D5769	5.38	Volume Percent		TW	6/22/06
46	Aromatics by FIA D1319	21.9	Volume Percent		RCG	8/22/06
63	Benzene in Gasoline by GC/MSD D5769	1.18	Volume Percent		TW	6/22/06
69	Specific Gravity @ 60 deg F D4052	0.7288	60/60F		MM	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.72881	60/60F		MM	6/20/06
692	Degrees API D4052	62.65	Degrees API		MM	6/20/06
692	Degrees API D4052	62.65	Degrees API		MM	6/20/06
691	Density @ 60 deg F D4052	0.72809	g/cm-03 @ 60 deg F		MM	6/20/06
691	Density @ 60 deg F D4052	0.72808	g/cm-03 @ 60 deg F		MM	6/20/06
101	Initial Boiling Point D86	83.7	Degrees F		MM	6/22/06
110	10 Percent D86	103.6	Degrees F		MM	6/22/06
150	50 Percent D86	198.1	Degrees F		MM	6/22/06
190	90 Percent D86	323.2	Degrees F		MM	6/22/06
200	End Point D86	399.5	Degrees F		MM	6/22/06
201	Residue D86	1.1	mL		MM	6/22/06

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NVFEL Fuel Analysis Report

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202	Total Recovery	D86	97.2 mL	MM	6/22/06
203	Loss	D86	1.7 mL	MM	6/22/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/28/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/28/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/28/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/28/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/28/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/28/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06

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NVFEL Fuel Analysis Report

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/19/06.

Season: Winter

Kansas City Samples- FTAG: 14639 Comments: 660; 2-7-05
 697PAX(MO)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/28/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/28/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/28/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/28/06
421	Sulfur in Gasoline D2622	237	Parts Per Million			NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	12.15	PSI			NST	6/19/06
65	Percent Evaporated at 200 Degrees F D86	48	Volume Percent			MM	6/22/06
66	Percent Evaporated at 300 Degrees F D86	83.1	Volume Percent			MM	6/22/06
48	Aromatics in Gasoline MSD D5769	25.65	Volume Percent			TW	6/22/06
49	Olefins in by FIA D1319	10.3	Volume Percent			RCG	8/22/06
64	Benzene in Gasoline D3606	1.31	Volume Percent			TW	6/28/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/28/06
57	TAME by D5599	0.00	Volume Percent			TS	6/28/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/28/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/28/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/28/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/28/06
630	Toluene in gasoline by MSD D5769	5.64	Volume Percent			TW	6/22/06
63	Benzene in Gasoline by GC/MSD D5769	1.29	Volume Percent			TW	6/22/06
46	Aromatics by FIA D1319	24.5	Volume Percent			RCG	8/22/06
69	Specific Gravity @ 60 deg F D4052	0.73581	60/60F			MM	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.73582	60/60F			MM	6/20/06
692	Degrees API D4052	60.8	Degrees API			MM	6/20/06
692	Degrees API D4052	60.81	Degrees API			MM	6/20/06
691	Density @ 60 deg F D4052	0.73508	g/cm-03 @ 60 deg F			MM	6/20/06
691	Density @ 60 deg F D4052	0.73509	g/cm-03 @ 60 deg F			MM	6/20/06
101	Initial Boiling Point D86	85.3	Degrees F			MM	6/22/06
110	10 Percent D86	108.9	Degrees F			MM	6/22/06
150	50 Percent D86	204.9	Degrees F			MM	6/22/06
190	90 Percent D86	327.4	Degrees F			MM	6/22/06
200	End Point D86	401.1	Degrees F			MM	6/22/06
201	Residue D86	1.1	mL			MM	6/22/06
202	Total Recovery D86	97.1	mL			MM	6/22/06

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203	Loss	D86	1.8 mL	MM	6/22/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/28/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/28/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/28/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/28/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/28/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/28/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06

Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/19/06.

Season: Winter

Kansas City Samples- FTAG: 14640 Comments: 671; 2-9-05
SLE053(KS)

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/28/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/28/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/28/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/28/06
421	Sulfur in Gasoline D2622	245	Parts Per Million			NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	13.56	PSI			NST	6/19/06
62	Vapor Pressure by D5191 (Modified)	13.58	PSI			NST	6/19/06
65	Percent Evaporated at 200 Degrees F D86	50.4	Volume Percent			MM	6/22/06
66	Percent Evaporated at 300 Degrees F D86	84.1	Volume Percent			MM	6/22/06
48	Aromatics in Gasoline MSD D5769	23.79	Volume Percent			TW	6/22/06
49	Olefins in by FIA D1319	11.2	Volume Percent			RCG	8/22/06
64	Benzene in Gasoline D3606	1.20	Volume Percent			TW	6/28/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/28/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/28/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/28/06
57	TAME by D5599	0.00	Volume Percent			TS	6/28/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/28/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/28/06
630	Toluene in gasoline by MSD D5769	5.42	Volume Percent			TW	6/22/06
46	Aromatics by FIA D1319	21.8	Volume Percent			RCG	8/22/06
63	Benzene in Gasoline by GC/MSD D5769	1.17	Volume Percent			TW	6/22/06
69	Specific Gravity @ 60 deg F D4052	0.72941	60/60F			MM	6/20/06
69	Specific Gravity @ 60 deg F D4052	0.72944	60/60F			MM	6/20/06
692	Degrees API D4052	62.48	Degrees API			MM	6/20/06
692	Degrees API D4052	62.49	Degrees API			MM	6/20/06
691	Density @ 60 deg F D4052	0.72869	g/cm-03 @ 60 deg F			MM	6/20/06
691	Density @ 60 deg F D4052	0.72872	g/cm-03 @ 60 deg F			MM	6/20/06
101	Initial Boiling Point D86	82.7	Degrees F			MM	6/22/06
110	10 Percent D86	103.3	Degrees F			MM	6/22/06
150	50 Percent D86	198.9	Degrees F			MM	6/22/06
190	90 Percent D86	323.5	Degrees F			MM	6/22/06
200	End Point D86	405.6	Degrees F			MM	6/22/06
201	Residue D86	1	mL			MM	6/22/06

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202	Total Recovery	D86	97.2 mL	MM	6/22/06
203	Loss	D86	1.8 mL	MM	6/22/06
543	Methanol	by D5599	0.00 Volume Percent	TS	6/28/06
584	Isopropanol	by D5599	0.00 Volume Percent	TS	6/28/06
585	t-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
586	n-Propanol	by D5599	0.00 Volume Percent	TS	6/28/06
587	sec-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06
588	DIPE	by D5599	0.00 Volume Percent	TS	6/28/06
589	Isobutanol	by D5599	0.00 Volume Percent	TS	6/28/06
5801	t-Amyl Alcohol	by D5599	0.00 Volume Percent	TS	6/28/06
5802	n-Butanol	by D5599	0.00 Volume Percent	TS	6/28/06

NVFEL Fuel Analysis Report

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Kansas City Samples

Batch#

Facility Name: ERG Facility Type: In House

Owner: EPA Phone: (913) 299-9480

6636 Berger Avenue

U.S.

Samples Type: Correlation

VOC

Inspection information logged in by MM on 6/23/06.

Season: Winter

Kansas City Samples-
293RAY(Mo)

FTAG: 14646

Comments: 74; 7-29-04

Test Code	Test Method	Results	Units	Fuel_ Code:	21	Analys	Analysis Date
552	MTBE by D5599	0.00	Oxy Percent			TS	6/28/06
552	MTBE by D5599	0.00	Oxy Percent			TS	6/28/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/28/06
562	ETBE by D5599	0.00	Oxy Percent			TS	6/28/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/28/06
534	Ethanol by D5599	0.00	Oxy Percent			TS	6/28/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/28/06
572	TAME by D5599	0.00	Oxy Percent			TS	6/28/06
421	Sulfur in Gasoline D2622	114	Parts Per Million			NST	6/27/06
62	Vapor Pressure by D5191 (Modified)	6.41	PSI			NST	6/26/06
65	Percent Evaporated at 200 Degrees F D86	36.9	Volume Percent			MM	6/27/06
66	Percent Evaporated at 300 Degrees F D86	79.7	Volume Percent			MM	6/27/06
48	Aromatics in Gasoline MSD D5769	29.91	Volume Percent			TW	6/29/06
49	Olefins in by FIA D1319	11.1	Volume Percent			RCG	8/23/06
64	Benzene in Gasoline D3606	1.38	Volume Percent			TW	6/28/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/28/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/28/06
55	MTBE by D5599	0.00	Volume Percent			TS	6/28/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/28/06
532	Ethanol by D5599	0.00	Volume Percent			TS	6/28/06
57	TAME by D5599	0.00	Volume Percent			TS	6/28/06
57	TAME by D5599	0.00	Volume Percent			TS	6/28/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/28/06
59	Weight Percent Oxygen by D5599	0.00	Weight Percent			TS	6/28/06
593	Volume Percent Oxygenates by D5599	0.00	Volume Percent			TS	6/28/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/28/06
56	ETBE by D5599	0.00	Volume Percent			TS	6/28/06
46	Aromatics by FIA D1319	29.2	Volume Percent			RCG	8/23/06
63	Benzene in Gasoline by GC/MSD D5769	1.36	Volume Percent			TW	6/29/06
630	Toluene in gasoline by MSD D5769	6.83	Volume Percent			TW	6/29/06
69	Specific Gravity @ 60 deg F D4052	0.75394	60/60F			MM	6/27/06
69	Specific Gravity @ 60 deg F D4052	0.75396	60/60F			MM	6/27/06
692	Degrees API D4052	56.18	Degrees API			MM	6/27/06

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692	Degrees API	D4052
691	Density @ 60 deg F	D4052
691	Density @ 60 deg F	D4052
101	Initial Boiling Point	D86
110	10 Percent	D86
150	50 Percent	D86
190	90 Percent	D86
200	End Point	D86
201	Residue	D86
202	Total Recovery	D86
203	Loss	D86
543	Methanol	by D5599
543	Methanol	by D5599
584	Isopropanol	by D5599
584	Isopropanol	by D5599
585	t-Butanol	by D5599
585	t-Butanol	by D5599
586	n-Propanol	by D5599
586	n-Propanol	by D5599
587	sec-Butanol	by D5599
587	sec-Butanol	by D5599
588	DIPE	by D5599
588	DIPE	by D5599
589	Isobutanol	by D5599
589	Isobutanol	by D5599
5801	t-Amyl Alcohol	by D5599
5801	t-Amyl Alcohol	by D5599
5802	n-Butanol	by D5599
5802	n-Butanol	by D5599

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