Labs were coded as Argus = 1, Wil =2 and Huntingdon =3.

												-				
WIL fe	males		Body weight	Body weight change	Liver	Kidneys	Adrenals	Pituitary	Thyroid Blotted	T4	TSH	Age at VO	Body weight at VO	Ovaries	Uterus Wet	Uterus Blotted
Methoxyo	chlor															
Final	report from lab															
	no outliers	Low dose	- (0%)	-	-	-	-	_	-	_	_	_	-	_	_	-
	identified	High dose	- (-6%)	-	-	-	-	-	-		-	↓ 7	↓	-	-	-
Final	interlab compariso	n														
	no outliers	Low dose	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	identified	High dose	+	↓	↓	-	-	-	-	-	-	↓ 7.1	↓	-	-	-
DE-71 Final	report from lab															
	no outliers	Low dose	- (+2%)	-	1	-	-	-		<u> </u>	1	-	-	-	-	-
	identified	High dose	- (+1%)	-	Ť	-	-	-	-	<u> </u>	Ť	-	T I	-	-	-
Final	interlab compariso	n														
	no outliers	Low dose	-	-	1	-	-	-	-	+	1		-	-	-	-
	identified	High dose	-	-	1	-	-	. ↓	-	↓	↑	↑1.8	↑	-	-	-
	nitrobenzene report from lab															
	no outliers	Low dose	- (+6%)	-	↑	-	-	-	-	-	-	-	-	-	-	-
	identified	High dose	- (+2%)	_	<u> </u>	-	↓	-	-	-	↑	↑ 2.7	↑	-	-	-
Final	interlab compariso	n														_
	no outliers	Low dose	1	↑	1	-	-	-	-	-	-	_	1	-	-	-
	identified	High dose	_	-	1	-	↓	+	-	-	1	↑ 2.7	1	1	-	-

Argus	females		Body weight	Body weight change	Liver	Kidneys	Adrenals	Pituitary	Thyroid Blotted	T4	TSH	Age at VO	Body weight at VO	Ovaries	Uterus Wet	Uterus Blotted
				oge	2.70	radiojo	7 tar or taro	1 italiary	Thyroid Blottod			1.90 211 1		0.44.100	010100 1701	Otorao Biotica
Methoxyo	hlor															
Final	report from lab															
	no outliers	Low dose	- (-4%)	-	_	_	-	_	-	-	-		-	-	-	-
	identified	High dose	- (-5%)	-	-	-	-	-	-	-	-	↓ 3.9	+	-	-	-
Final	interlab compariso	n														
	no outliers	Low dose	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	identified	High dose	-	+	-	-	1	-	-	-	-	↓ 3.9	↓	-	-	-
DE-71																
Final	report from lab															
	no outliers	Low dose	- (-2%)	-	<u> </u>	-	-	-	-		-	-	-	-	-	-
	identified	High dose	- (0%)	-	T	-	-	-	-	<u> </u>	-	-	-	-	-	-
Final	interlab compariso	n														
	outliers included	Low dose	-	-	1	-	-	-	-	↓	1	-	-	-	-	-
	outhord included	High dose	-	-	↑	-	-	-	-	<u> </u>	↑	-	-	-		-
	outliers excluded	Low dose													-	
		High dose													-	
2-Chloror	nitrobenzene															
2-01110101	iid obelizelle															
Final	report from lab															
	no outliers	Low dose	- (+1%)	-	<u> </u>	-	-	-	-	-	-		-	-	-	-
	identified	High dose	- (0%)		Ţ	=	_		-		-	↑ 2.5			-	+
Final	interlab compariso	n														
	outliers included	Low dose	-	_	1	-	_	-	-	_	-	_	-	-	-	_
	oddiers iricidded	High dose	-	-	1	-	-	-	-		-	↑ 3.3	1	-	-	+
	outliers excluded	Low dose		-			-					_				
	oddiois excluded	High dose				-	-							-		

				Body weight			1				1		Body weight at		1	
Huntin	gdon female	,	Body weight	change	Liver	Kidneys	Adrenals	Pituitary	Thyroid Blotted	T4	TSH	Age at VO	VO VO	Ovaries	Uterus Wet	Uterus Blotted
· · · · · · · · · · · · · · · · · · ·	guon romaio	· .	Dody Worgin	onango	LIVEI	radicys	Adicidio	1 Italiary	Tityroid Biotica	• • • • • • • • • • • • • • • • • • • •		/ igo at vo	, ,,	Ovancs	Oterus wet	Oterus Biotica
Methoxy	chlor															
Final	report from lab	I au daga	- (-4%)				ı					1.0				
	no outliers identified	Low dose High dose	- (-4%) - (-6%)		.i.	.l.	-		-	-	-	↓ 1.3 ↓ 6.2	†			
	idonanod	i ligii dosc	- (-070)		•	.						₩ 0.2	· · ·	•		
Final	interlab compariso	n														
	outliers included	Low dose	-	-	+	↓	-	ı	-	=	-	-	+	-	-	-
	odtilers iricidded	High dose	↓	↓	↓	↓	-	ı	-	-	-	↓ 6.2	↓	→	-	-
	outliers excluded	Low dose					-	-								
	outliers excluded	High dose					-	→								
		-							_							
DE-71																
Final	report from lab	1		r									ı			
	no outliers	Low dose	- (+2%)	-	T	-	-	-	-	<u> </u>	T	↑1.2	-		-	-
	identified	High dose	- (+2%)	-	Т	-	-	-	T	<u> </u>	T	-	-	+	-	-
Final	interlab compariso	n														
	no outliers	Low dose	_	_	1	_	_	-	- 1	Ţ	1 1	-	-	-	-	_
	identified	High dose	-	_	<u>;</u>	_	_	-	-		<u> </u>	_	-	_	_	_
	<u> </u>	i ngn doco			,					<u> </u>					<u> </u>	
2-Chloro	nitrobenzene															
2-01110101	iitiobelizelle															
Final	report from lab															
	no outliers	Low dose	- (0%)	-	1	-	-	+	-	↓	-	-	-	+	-	-
	identified	High dose	- (-3%)	-	1	-	-	+	-	+	1	↑ 5.8	1	+	-	-
				•								•	•			
Final	interlab compariso															
	outliers included	Low dose	-	-	1	-	-	-	-	↓	-	-	-	1	-	-
		High dose	-	-	↑	_	↓	↓	- 1	↓	1 ↑	↑ 5.8	1	↓	-	↓

outliers excluded

SUMMARY OF RESULTS OF THE PUBERTAL MALE AND FEMALE INTERLABORATORY VALIDATION STUDIES BY CHEMICAL

			Body weight									Body weight at			
Methoxychlor		Body weight	change	Liver	Kidneys	Adrenals	Pituitary	Thyroid Blotted	T4	TSH	Age at VO	VO	Ovaries	Uterus Wet	Uterus Blotted
Lab 1															
Final report from lab															
	Low dose	- (-4%)	- 1	_	_	_	-	- 1	_	-	<u> </u>	_	_	-	_
	High dose	- (-5%)	-	-	_	_	-	_	_	-	↓ 3.9	↓	-	-	_
Final interlab comparison no outliers	Low dose		-			=	=	<u> </u>		<u> </u>	<u> </u>	_	=	<u> </u>	_
	High dose		Ţ			_ ↑	=	_		_	↓3,9	Ī		_	
			<u> </u>			•	•			•	<u> </u>	· ·		•	•
Lab 2															
Fig. 1 and and for an Inte															
Final report from lab	Low dose	- (0%)	1			l i	ı	1		1	ī		1	1	
	High dose	- (-6%)	-	=	=	-	-	-	<u>-</u>	-	_ ↓7	_ 	-	-	-
	riigir dosc	- (-070)									Ψ /	▼			
Final interlab comparison															
	Low dose	-	-	-	-	-	-	-	-	-	-	-	-	-	-
identified	High dose	<u></u>	. ↓	. ↓	-	-	-	-		-	↓7.1	↓ ↓	-	-	-
Lab 3															
Final report from lab	Low dogs I	(49/)									112				
Final report from lab	Low dose	- (-4%) - (-6%)	-	+	+	-	-	-			↓1.3 ↓6.2	+ + +			<u>-</u>
Final report from lab no outliers identified	High dose	- (-4%) - (-6%)			↓						↓1.3 ↓6.2				
Final report from lab no outliers identified Final interlab comparison	High dose			↓	į.										
Final report from lab no outliers identified Final interlab comparison	High dose	- (-6%) -	↓	↓	↓	-	-	-	-	-	↓ 6.2 _	↓	↓ -	-	-
Final report from lab no outliers identified Final interlab comparison outliers included	High dose Low dose High dose	- (-6%)	↓	↓	į.	- - -	- - -	-	-	-	↓ 6.2	+	↓	-	-
Final report from lab no outliers identified Final interlab comparison outliers included	Low dose High dose Low dose	- (-6%) -	↓	↓	↓	-	-	-	-	-	↓ 6.2 _	↓	↓ -	-	-
Final report from lab no outliers identified Final interlab comparison outliers included	High dose Low dose High dose	- (-6%) -	↓	↓	↓	- - -		-	-	-	↓ 6.2 _	↓	↓ -	-	-
Final report from lab no outliers identified Final interlab comparison outliers included outliers excluded Agreement across labs Based on individual labs'	Low dose High dose Low dose High dose High dose High dose	-(-6%) - -	- +	+	↓ ↓ ↓		- - - -		-		↓6.2 - ↓6.2	+	↓ ↓		-
Final report from lab no outliers identified Final interlab comparison outliers included outliers excluded Agreement across labs Based on individual labs's	Low dose High dose Low dose High dose High dose High dose High dose	-(-6%) - +	- - - - - -	2-1	2-1						↓6.2 - ↓6.2	2-1	- - - - - -		
Final report from lab no outliers identified Final interlab comparison outliers included outliers excluded Agreement across labs Based on individual labs's	Low dose High dose Low dose High dose High dose High dose	-(-6%) - -	- +	+	↓ ↓ ↓		- - - -		-		↓6.2 - ↓6.2	+	↓ ↓		-
Final report from lab no outliers identified Final interlab comparison outliers included outliers excluded Agreement across labs Based on individual labs's	Low dose High dose Low dose High dose High dose High dose analyses Low dose High dose	-(-6%) - +	- - - - - -	2-1	2-1						↓6.2 - ↓6.2	2-1	- - - - - -		
Final report from lab no outliers identified Final interlab comparison outliers included outliers excluded Agreement across labs Based on individual labs'	Low dose High dose Low dose High dose High dose High dose analyses Low dose High dose	-(-6%) - +	- - - - - -	2-1	2-1						↓6.2 - ↓6.2	2-1	- - - - - -		

DE 71	(females)		Daduusiaht	Body weight	Lhan	Kida aya	Advanta	Ditaite	Thursda Diette d	T4	TSH	A = 0 = 1 \ / O	Body weight at	Overden	I thanks Mad	Likewa Diethe d
DE-/I	(remaies)		Body weight	change	Liver	Kidneys	Adrenals	Pituitary	Thyroid Blotted	T4	15H	Age at VO	VO	Ovaries	Uterus Wet	Uterus Blotted
Lab 1																
Final	report from lab															
	no outliers	Low dose	- (-2%)	-	1	-	-	-	-	Ţ	-	_	-	-	-	-
	identified	High dose	- (0%)	_	<u> </u>	_	_	_	_	<u> </u>	-	_	_		_	_
Final	interlab compariso	n														
	outliers included	Low dose	_	-		-	-	-	-	↓	1	-	-	_	_	-
	Cathore included	High dose		_	<u> </u>	-	_	_	- 1	<u> </u>	<u> </u>	_			-	
	outliers excluded	Low dose High dose													_	-
		, ,														•
Lab 2																
Final	report from lab															
	no outliers	Low dose	- (+2%)	-	Ţ	-	-	-	-	Ų.	1	-	-	-	-	-
	identified	High dose	– (+1%)	_	Ť	-	_	_	-	<u> </u>	<u> </u>	_	Τ		_	
Final	interlab compariso	n														
	no outliers	Low dose	-	-	1	-	-	-	-	↓	1	-	-	_	-	-
	identified	High dose		-	<u> </u>	_	_	<u> </u>	-	<u> </u>	<u> </u>	↑ 1.8	↑		_	_
Lab 3																
Final	report from lab															
Fillal	no outliers	Low dose	- (+2%)	_	↑	_	_	_	_	+	1 1	↑1.2	_	_	_	_
	identified	High dose	- (+2%)	-	Ť	-	-	-	1	Ţ,	Ť	-	-	+	-	-
ElI	linted to a consequent	_														
Finai	no outliers	Low dose	_	_	1 1	_	_	_			1 1	_	-		_	_
	identified	High dose	_	-	<u>†</u>	-	-	-	- 1	Ť	†	_	-	_	_	_
	nt across labs ed on individual labs	s' analyses														
2450		Low dose	3 -	3 -	3 ↑	3 -	3 -	3 -	3 -	3↓	2 ↑ 1 -	2 - 1 ↑	3 -	3 -	3 -	3 -
		High dose	3 -	3 -	3 ↑	3 -	3 -	3 -	2 - 1 ↑	3↓	2 ↑ 1 -	3 -	2 - 1 ↑	2 - 1 ↓	3 -	3 -
Unifo	orm analysis, incl inte	erlab variation														
010	, , , , , , ,	Low dose	3 -	3 -	3 ↑	3 -	3 -	3 -	3 -	3↓	3↑	3 -	3 -	3 -	3 -	3 -

2-Chloronitrobenzer (females)	ne	Body weight	Body weight change	Liver	Kidneys	Adrenals	Pituitary	Thyroid Blotted	T4	TSH	Age at VO	Body weight at VO	Ovaries	Uterus Wet	Uterus Blotted
Lab 1															
Final report from lab															
no outliers identified	Low dose High dose	- (+1%) - (0%)	-	↑ ↑	-	-	-	-	-		_ ↑2.5	_ ↑	-		_ _
Final interlab comparisor		(0/0)		•						U	1 2.0	'		Į.	·
outliers included	Low dose	-	-	1			-	-	-		-	-	-		-
outliers excluded	High dose Low dose	-	-	<u> </u>	-	-	-	-	→	-	↑3.3	†	-	-	+
outliers excluded	High dose				_	-						Į			
Lab 2															
Final report from lab															
no outliers identified	Low dose High dose	- (+6%) - (+2%)	-	<u>†</u>	-	 ↓	-	-	-	_ ↑	_ ↑2.7	_ ↑	<u>-</u>	-	-
Final interlab comparisor	n														
no outliers identified	Low dose High dose	<u>↑</u>	↑	↑	-	_	-	-	-	_ ↑	_ ↑2.7	1	-	-	-
identilled	riigii uose		_		_		₩	-			Z.1			_	_
Lab 3															
Final report from lab	D 1	(00()	1	•	1	1								1	,
no outliers identified	Low dose High dose	- (0%) - (-3%)	-	<u> </u>	-	-	+	-		_ ↑	_ ↑5.8	<u> </u>	<u></u>	-	-
Final interlab comparisor	n														
outliers included	Low dose High dose	=	-	↑	-	_ _	_ ↓	-	+	<u> </u>	_ ↑5.8	<u>-</u>	+	-	_ _
outliers excluded	Low dose High dose						Į.		·				·		
<u> </u>	riigii uose														
Agreement across labs Based on individual labs'	' analyses														
bassa sii iiiairiaddi labs	Low dose	3 -	3 -	3↑	3 -	3 -	2 - 1 ↓	3 -	2-1↓	3 -	3 -	3 -	2 - 1 ↓	3 -	3 -
	High dose	3 -	3 -	3 ↑	3 -	2 - 1 ↓	2 - 1 ↓	3 -	2 - 1 ↓	2 ↑ 1 -	3 ↑	3 ↑	2 - 1 ↓	3 -	2 - 1 ↓
Uniform analysis, inclinter	lab variation Low dose	2 - 1 ↑	2 - 1 ↑	3↑	3 -	3 -	3 -	3 -	2 - 1 ⊥	3 -	3 -	2 - 1 ↑	2 - 1 ⊥	3 -	3 -
	High dose	3 -	3-	3↑	3 -	2 ↓ 1 -	2 ↓ 1 -	3 -	2 1 -	2 ↑ 1 -	3 ↑	3↑	2 1 -	3 -	2 \ 1 -

- 1. Blue cells highlight "apparent", not statistical, dose-response relationships (viz., low-dose value between control value and high-dose value). Thus in some cases a cell is shaded even if the low dose response was not significantly different from control.
- Pink cells highlight results obtained when outliers were excluded. Note that the only differences in results when outliers were excluded were in pituitary weights (methoxychlor/Lab 3/high dose and 2-chloronitrobenzene/Lab 3/low dose).
- 3. Green cells highlight endpoint/dose level combinations where all three laboratories had the same result. Dark green indicates that all labs saw a change from controls; light green indicates that all labs detected no difference from controls.
- 4. Some labs excluded data points from analysis but all such exclusions (with the possible exception of Lab 1/methoxychlor/ovary) were for errors in extraction or weighing, not for extremity of value. These were not treated as "outliers" in this table. Other labs claimed no "outliers" because transformation of the data allowed such data to be used. For purpose of this table, all results from the individual labs (but not the interlaboratory statistical comparison of all three labs) were considered to have no outliers.
- 5. Percent changes in terminal body weight for Lab 1 were calculated at EPA.