

Study Number: C15011B-01
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

I04: Mean Body Weight Summary
Test Compound: 2-Ethyltoluene
CAS Number: 611-14-3

Date Report Requested: 03/29/2021
Time Report Requested: 14:27:29
Lab: Battelle

Study Number: C15011B-01
Study Gender: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.1.9

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F0 Females

Treatment Groups (ppm)

Phase Day	0		150			300			600		
	Wt (g)	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
GD2	231.7 ± 3.2	12	231.4 ± 3.4	99.9	12	231.8 ± 3.8	100.0	11	232.6 ± 3.2	100.4	12
GD6	245.2 ± 3.0	12	243.1 ± 3.6	99.1	12	244.9 ± 4.1	99.9	11	246.0 ± 3.9	100.3	12
GD9	254.6 ± 3.6 **	12	228.8 ± 4.8 **	89.9	12	221.9 ± 2.9 **	87.1	11	217.6 ± 3.4 **	85.5	12
GD12	269.9 ± 3.6 **	12	240.0 ± 5.8 **	88.9	12	230.6 ± 3.0 **	85.4	11	226.3 ± 5.0 **	83.8	12
GD15	286.7 ± 3.8 **	12	263.3 ± 5.8 **	91.8	12	248.9 ± 3.3 **	86.8	11	241.0 ± 5.8 **	84.1	12
GD18	326.5 ± 5.0 **	12	304.9 ± 6.4 *	93.4	12	288.8 ± 3.6 **	88.5	11	274.6 ± 8.3 **	84.1	12
GD21	369.1 ± 6.2 **	12	340.2 ± 7.9 *	92.2	12	319.9 ± 4.4 **	86.7	11	300.0 ± 11.0 **	81.3	12
LD1	274.0 ± 3.5 **	12	252.2 ± 5.8 **	92.0	12	243.3 ± 3.9 **	88.8	11	245.2 ± 4.6 **	89.5	11
LD4	286.4 ± 4.1 **	12	270.3 ± 5.3 *	94.4	12	264.1 ± 4.6 **	92.2	11	263.5 ± 5.0 **	92.0	11
LD7	296.8 ± 3.3 **	12	282.1 ± 5.6 *	95.1	12	280.3 ± 4.9 *	94.4	11	276.7 ± 4.4 **	93.2	11
LD10	311.7 ± 4.8 **	12	303.1 ± 5.4	97.2	12	296.1 ± 4.7 *	95.0	11	291.0 ± 4.2 **	93.4	11
LD13	317.4 ± 4.0 **	12	304.1 ± 5.9	95.8	12	301.5 ± 5.6 *	95.0	11	299.4 ± 4.8 *	94.3	11
LD16	314.4 ± 3.3	12	305.8 ± 5.7	97.3	12	299.9 ± 5.1	95.4	11	304.4 ± 4.8	96.8	11
LD19	309.2 ± 3.6	12	304.4 ± 5.7	98.4	12	304.9 ± 3.7	98.6	11	309.6 ± 5.5	100.1	11
LD21	301.5 ± 3.4	12	297.5 ± 5.0	98.7	12	293.1 ± 4.4	97.2	11	297.3 ± 4.9	98.6	11

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F0 Females

Phase Day	Treatment Groups (ppm)					
	900			1200		
	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
GD2	232.7 ± 4.0	100.5	12	232.6 ± 3.4	100.4	12
GD6	242.9 ± 4.2	99.0	12	246.0 ± 2.4	100.3	12
GD9	219.6 ± 3.4 **	86.3	11	227.5 ± 2.8 **	89.3	7
GD12	222.1 ± 3.3 **	82.3	8	NR		
GD15	228.4 ± 5.3 **	79.7	8	NR		
GD18	252.3 ± 8.5 **	77.3	8	NR		
GD21	271.3 ± 12.5 **	73.5	8	NR		
LD1	242.6 ± 4.9 **	88.5	6	NR		
LD4	254.9 ± 4.6 **	89.0	6	NR		
LD7	271.1 ± 5.9 **	91.3	6	NR		
LD10	284.6 ± 6.1 **	91.3	6	NR		
LD13	294.8 ± 6.0 *	92.9	6	NR		
LD16	302.7 ± 4.1	96.3	6	NR		
LD19	307.6 ± 3.9	99.5	6	NR		
LD21	295.2 ± 2.9	97.9	6	NR		

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F1 Males: F1 Males

Treatment Groups (ppm)

Phase Day	0		150			300		
	Wt (g)	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
PND29	94.0 ± 1.6 **	14	80.6 ± 1.5 **	85.7	8	82.5 ± 1.8 **	87.7	8
PND31	106.7 ± 1.9 **	14	92.0 ± 2.5 **	86.2	8	91.9 ± 2.6 **	86.1	8
PND35	136.2 ± 2.3 **	14	113.0 ± 2.2 **	83.0	8	118.5 ± 2.7 **	87.0	8
PND39	164.3 ± 3.0 **	14	135.1 ± 2.5 **	82.2	8	144.5 ± 3.7 **	87.9	8

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F1 Females: F1 Females

Treatment Groups (ppm)

Phase Day	0		150			300		
	Wt (g)	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
PND29	86.1 ± 2.0 **	14	76.6 ± 1.6 **	89.0	8	75.1 ± 2.3 **	87.2	8
PND31	97.0 ± 2.1 **	14	84.8 ± 1.8 **	87.4	8	82.9 ± 2.4 **	85.4	8
PND35	119.9 ± 2.6 **	14	104.5 ± 2.3 **	87.2	8	103.2 ± 2.7 **	86.1	8
PND39	138.5 ± 2.9 **	14	123.2 ± 2.6 **	88.9	8	121.0 ± 3.1 **	87.3	8

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LEGEND

Data are displayed as mean \pm SEM

GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day

In multigenerational studies, body weights reported for all animals until mating; pregnant animals only during gestation and lactation; all animals post-weaning.

Statistical analysis of weight data performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

F1 Biosample Animals were combined and analyzed with F1 Core Animals in the 0 ppm dose group.

NR not recorded

**** END OF REPORT ****