

**Study Number:** C15011B-02  
**Test Type:** TOX  
**Route:** Whole-Body Inhalation  
**Species/Strain:** Mouse/B6C3F1/N

**I04G: Mean Body Weight Gain**  
**Test Compound:** 2-Ethyltoluene  
**CAS Number:** 611-14-3

**Date Report Requested:** 11/05/2020  
**Time Report Requested:** 10:58:58  
**Lab:** Battelle

**Study Number:** C15011B-02  
**Study Gender:** Both  
**PWG Approval Date:** See web page for date of PWG Approval  
**Version:** v1.0.9

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**Males**

**Treatment Groups (ppm)**

Phase	Days	0		150		300	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 4	1.2 ± 0.1 **	11	-0.4 ± 0.4 **	5	-0.5 ± 0.1 **	5
	4 - 7	0.5 ± 0.1	11	0.2 ± 0.1	5	0.6 ± 0.3	5
	7 - 11	1.0 ± 0.1	11	1.0 ± 0.2	5	0.7 ± 0.2	5
	11 - 14	0.3 ± 0.1	11	0.3 ± 0.1	5	0.5 ± 0.1	5
	14 - 15	-0.8 ± 0.1 *	11	-0.1 ± 0.1 **	5	-0.4 ± 0.1	5
	0 - 15	2.2 ± 0.3 *	11	0.9 ± 0.5 *	5	1.0 ± 0.4	5

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**Females**

**Treatment Groups (ppm)**

Phase	Days	0		150		300	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 4	0.7 ± 0.2 **	11	0.1 ± 0.3	5	-1.1 ± 0.3 **	5
	4 - 7	0.1 ± 0.2	11	0.4 ± 0.2	5	0.3 ± 0.2	5
	7 - 11	1.0 ± 0.1	11	0.8 ± 0.1	5	1.2 ± 0.2	5
	11 - 14	0.6 ± 0.2	11	0.5 ± 0.3	5	0.7 ± 0.2	5
	14 - 15	-0.8 ± 0.2	11	0.0 ± 0.1 **	5	-0.4 ± 0.1	5
	0 - 15	1.7 ± 0.3	11	1.9 ± 0.5	5	0.7 ± 0.2	5

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#### LEGEND

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Data are displayed as mean  $\pm$  SEM

SD – Study Day

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  $P \leq 0.01$

Body weight gains were not calculated for the 600, 900 and 1200 ppm groups due to the early removal of all animals in these groups.

**\*\* END OF REPORT \*\***