

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

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

Date Report Requested: 10/30/2020
Time Report Requested: 12:32:28
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 Day | 0 | | 150 | | | 300 | | | 600 | | |
|-----------|---------------|----|---------------|-------------|---|---------------|-------------|---|------------|-------------|----|
| | Wt (g) | N | Wt (g) | % from CNTL | N | Wt (g) | % from CNTL | N | Wt (g) | % from CNTL | N |
| SD0 | 22.4 ± 0.3 | 11 | 22.5 ± 0.3 | 0.6 | 5 | 22.1 ± 0.2 | -1.4 | 5 | 22.5 ± 0.3 | 0.6 | 11 |
| SD4 | 23.6 ± 0.3 ** | 11 | 22.1 ± 0.3 ** | -6.2 | 5 | 21.6 ± 0.3 ** | -8.2 | 5 | NR | | |
| SD7 | 24.1 ± 0.3 ** | 11 | 22.3 ± 0.3 ** | -7.3 | 5 | 22.3 ± 0.3 ** | -7.5 | 5 | NR | | |
| SD11 | 25.1 ± 0.4 ** | 11 | 23.3 ± 0.4 * | -7.2 | 5 | 23.0 ± 0.5 ** | -8.3 | 5 | NR | | |
| SD14 | 25.4 ± 0.4 ** | 11 | 23.6 ± 0.4 * | -7.1 | 5 | 23.5 ± 0.5 ** | -7.4 | 5 | NR | | |
| SD15 | 24.6 ± 0.4 * | 11 | 23.4 ± 0.4 | -4.8 | 5 | 23.1 ± 0.4 | -6.0 | 5 | NR | | |

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Males

| Phase Day | Treatment Groups (ppm) | | | | | |
|-----------|------------------------|-------------|---|--------------|-------------|---|
| | 900 | | | 1200 | | |
| | Wt (g) | % from CNTL | N | Wt (g) | % from CNTL | N |
| SD0 | 22.6 ± 0.5 | 0.9 | 5 | 20.8 ± 0.9 * | -7.4 | 6 |
| SD4 | NR | | | NR | | |
| SD7 | NR | | | NR | | |
| SD11 | NR | | | NR | | |
| SD14 | NR | | | NR | | |
| SD15 | NR | | | NR | | |

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Females

Treatment Groups (ppm)

| Phase Day | 0 | | | 150 | | | 300 | | | 600 | | |
|-----------|---------------|----|------------|-------------|---|--------------|-------------|---|------------|-------------|----|--|
| | Wt (g) | N | Wt (g) | % from CNTL | N | Wt (g) | % from CNTL | N | Wt (g) | % from CNTL | N | |
| SD0 | 18.7 ± 0.3 ** | 11 | 18.7 ± 0.2 | 0.2 | 5 | 19.4 ± 0.4 | 3.5 | 5 | 19.5 ± 0.3 | 4.4 | 11 | |
| SD4 | 19.4 ± 0.2 * | 11 | 18.9 ± 0.1 | -2.7 | 5 | 18.3 ± 0.6 * | -5.8 | 5 | NR | | | |
| SD7 | 19.5 ± 0.3 | 11 | 19.3 ± 0.2 | -1.2 | 5 | 18.6 ± 0.6 | -4.7 | 5 | NR | | | |
| SD11 | 20.5 ± 0.3 | 11 | 20.1 ± 0.3 | -2.0 | 5 | 19.8 ± 0.4 | -3.6 | 5 | NR | | | |
| SD14 | 21.2 ± 0.3 | 11 | 20.6 ± 0.4 | -2.7 | 5 | 20.5 ± 0.3 | -3.1 | 5 | NR | | | |
| SD15 | 20.4 ± 0.3 | 11 | 20.7 ± 0.3 | 1.3 | 5 | 20.1 ± 0.3 | -1.4 | 5 | NR | | | |

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Females

| Phase Day | Treatment Groups (ppm) | | | | | |
|-----------|------------------------|-------------|---|---------------|-------------|---|
| | 900 | | | 1200 | | |
| | Wt (g) | % from CNTL | N | Wt (g) | % from CNTL | N |
| SD0 | 19.6 ± 0.7 | 4.7 | 5 | 20.1 ± 0.2 ** | 7.6 | 5 |
| SD4 | NR | | | NR | | |
| SD7 | NR | | | NR | | |
| SD11 | NR | | | NR | | |
| SD14 | NR | | | NR | | |
| SD15 | NR | | | NR | | |

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LEGEND

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 $P \leq 0.01$

NR not recorded

**** END OF REPORT ****