

**Study Number:** C20302B-02  
**Test Type:** TOX  
**Route:** Whole-Body Inhalation  
**Species/Strain:** Mouse/CD-1

**PA06: Organ Weights Summary**  
**Test Compound:** alpha-Pinene  
**CAS Number:** 80-56-8

**Date Report Requested:** 07/11/2023  
**Time Report Requested:** 11:13:53  
**Lab:** Battelle

**Study Number:** C20302B-02  
**Study Sex:** Both  
**PWG Approval Date:** See web page for date of PWG Approval  
**Version:** v1.5.1  
**Stat Version:** 2023.02.27S

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| Males: Fertility Males |                        |         |         |                      |         |      |                      |         |      |                      |         |        |
|------------------------|------------------------|---------|---------|----------------------|---------|------|----------------------|---------|------|----------------------|---------|--------|
|                        | Treatment Groups (ppm) |         |         |                      |         |      |                      |         |      |                      |         |        |
|                        | 0                      |         |         | 100                  |         |      | 200                  |         |      | 400                  |         |        |
| Terminal Body Wt. (g)  | 43.7                   | ± 0.9   | (25)    | 43.8                 | ± 0.9   | (25) | 43.2                 | ± 0.8   | (25) | 41.4                 | ± 0.7   | (25)   |
| R. Epididymis          |                        |         |         |                      |         |      |                      |         |      |                      |         |        |
| Absolute (g)           | 0.0576 ± 0.0018 (25)   |         |         | 0.0595 ± 0.0018 (25) |         |      | 0.0563 ± 0.0016 (25) |         |      | 0.0591 ± 0.0016 (25) |         |        |
| Relative (mg/g)        | 1.32                   | ± 0.03  | (25)    | 1.37                 | ± 0.05  | (25) | 1.31                 | ± 0.04  | (25) | 1.43                 | ± 0.04  | (25)   |
| L. Epididymis          |                        |         |         |                      |         |      |                      |         |      |                      |         |        |
| Absolute (g)           | 0.0630 ± 0.0016 (25)   |         |         | 0.0649 ± 0.0014 (25) |         |      | 0.0642 ± 0.0020 (25) |         |      | 0.0651 ± 0.0017 (25) |         |        |
| Relative (mg/g)        | 1.44                   | ± 0.03  | (25) *  | 1.50                 | ± 0.04  | (25) | 1.49                 | ± 0.04  | (25) | 1.58                 | ± 0.04  | (25) * |
| R. Testis              |                        |         |         |                      |         |      |                      |         |      |                      |         |        |
| Absolute (g)           | 0.130                  | ± 0.004 | (25)    | 0.130                | ± 0.004 | (25) | 0.131                | ± 0.006 | (25) | 0.137                | ± 0.004 | (25)   |
| Relative (mg/g)        | 2.99                   | ± 0.09  | (25) ** | 2.99                 | ± 0.11  | (25) | 3.05                 | ± 0.13  | (25) | 3.32                 | ± 0.10  | (25) * |
| L. Testis              |                        |         |         |                      |         |      |                      |         |      |                      |         |        |
| Absolute (g)           | 0.123                  | ± 0.004 | (25)    | 0.123                | ± 0.004 | (25) | 0.125                | ± 0.005 | (25) | 0.131                | ± 0.004 | (25)   |
| Relative (mg/g)        | 2.84                   | ± 0.09  | (25) ** | 2.84                 | ± 0.10  | (25) | 2.90                 | ± 0.12  | (25) | 3.17                 | ± 0.10  | (25) * |

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#### LEGEND

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Data are displayed as mean  $\pm$  SEM (N) unless otherwise noted.

Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight

Statistical analysis for F0 animals 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  $P \leq 0.01$

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