

Study Number: C20302B-03
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

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

Date Report Requested: 04/05/2023
Time Report Requested: 09:05:24
Lab: Battelle

Study Number: C20302B-03
Study Sex: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.5.0
Stat Version: 2023.02.27S

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Males: Fertility Males

	Treatment Groups (ppm)											
	0			100			200			400		
Terminal Body Wt. (g)	411.4	± 6.3	(25)	420.4	± 7.0	(25)	411.9	± 4.6	(25)	406.1	± 4.7	(25)
R. Epididymis												
Absolute (g)	0.6290	± 0.0095	(25) **	0.6379	± 0.0095	(25)	0.6309	± 0.0104	(25)	0.5901	± 0.0178	(25) *
Relative (mg/g)	1.53	± 0.02	(25)	1.52	± 0.02	(25)	1.54	± 0.03	(25)	1.46	± 0.05	(25)
L. Epididymis												
Absolute (g)	0.6428	± 0.0092	(25) **	0.6510	± 0.0073	(25)	0.6415	± 0.0078	(25)	0.6051	± 0.0148	(25) *
Relative (mg/g)	1.57	± 0.03	(25)	1.55	± 0.02	(25)	1.56	± 0.02	(25)	1.49	± 0.04	(25)
R. Testis												
Absolute (g)	1.998	± 0.024	(25) **	1.976	± 0.029	(25)	1.995	± 0.030	(25)	1.826	± 0.063	(25) **
Relative (mg/g)	4.88	± 0.08	(25)	4.71	± 0.06	(25)	4.85	± 0.08	(25)	4.50	± 0.15	(25) *
L. Testis												
Absolute (g)	2.006	± 0.025	(25) *	1.990	± 0.027	(25)	2.012	± 0.034	(25)	1.844	± 0.060	(25) *
Relative (mg/g)	4.89	± 0.07	(25)	4.75	± 0.07	(25)	4.90	± 0.09	(25)	4.55	± 0.15	(25) *

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LEGEND

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 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 ****