

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

I04: Mean Body Weight Summary
Test Compound: alpha-Pinene
CAS Number: 80-56-8

Date Report Requested: 07/11/2023
Time Report Requested: 10:25:46
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: 2023.05.23S

Males: Fertility Males											
Phase Day	Treatment Groups (ppm)										
	0		100			200			400		
	Wt (g)	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD1	28.2 ± 0.4	25	28.5 ± 0.3	101.1	25	28.5 ± 0.3	101.0	25	28.1 ± 0.4	99.8	25
SD10	32.2 ± 0.5	25	32.6 ± 0.4	101.5	25	32.3 ± 0.4	100.3	25	32.5 ± 0.4	101.1	25
SD17	34.4 ± 0.5	25	35.8 ± 0.4	104.2	25	35.3 ± 0.5	102.8	25	32.9 ± 0.6	95.7	25
SD24	35.6 ± 0.6	25	36.0 ± 0.4	100.9	25	35.4 ± 0.5	99.4	25	35.7 ± 0.5	100.0	25
SD31	36.9 ± 0.6	25	37.5 ± 0.5	101.5	25	36.6 ± 0.8	99.1	25	36.4 ± 0.5	98.6	25
SD38	38.1 ± 0.7	25	38.0 ± 0.4	99.9	25	38.2 ± 0.6	100.4	25	37.2 ± 0.5	97.7	25
SD45	38.7 ± 0.7	25	38.9 ± 0.4	100.4	25	39.9 ± 0.6	103.2	25	38.9 ± 0.6	100.5	25
SD52	38.7 ± 0.7	25	40.3 ± 0.5	104.0	25	40.6 ± 0.7	104.8	25	39.2 ± 0.5	101.1	25
SD59	40.4 ± 0.8	25	41.7 ± 0.5	103.1	25	41.6 ± 0.7	102.9	25	40.3 ± 0.6	99.6	25
SD66	41.5 ± 0.8	25	42.6 ± 0.6	102.9	25	42.1 ± 0.7	101.6	25	40.5 ± 0.6	97.6	25
SD73	41.4 ± 0.8	25	42.5 ± 0.6	102.7	25	42.1 ± 0.7	101.7	25	40.7 ± 0.7	98.3	25
SD80	42.1 ± 0.9	25	43.7 ± 0.7	103.8	25	43.7 ± 0.7	103.8	25	40.4 ± 0.8	96.0	25
SD87	42.7 ± 0.9	25	44.0 ± 0.7	103.2	25	43.6 ± 0.7	102.1	25	40.6 ± 0.8	95.1	25
SD90	43.2 ± 0.9	25	43.8 ± 0.8	101.5	25	43.8 ± 0.7	101.3	25	41.3 ± 0.8	95.6	25

Females: Naive Females											
Phase Day	Treatment Groups (ppm)										
	0		100			200			400		
	Wt (g)	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
GD0	30.4 ± 0.5	23	29.7 ± 0.5	97.5	22	30.0 ± 0.4	98.4	22	29.7 ± 0.4	97.5	23
GD5	32.2 ± 0.4	23	32.5 ± 0.4	100.9	22	31.6 ± 0.4	98.2	22	31.4 ± 0.3	97.6	23
GD10	37.3 ± 0.5 *	23	37.1 ± 0.6	99.3	22	36.6 ± 0.4	98.1	22	36.0 ± 0.5	96.5	23
GD14	47.5 ± 0.7 *	23	46.3 ± 1.2	97.5	22	44.7 ± 0.8	94.2	22	45.7 ± 0.6	96.3	23

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LEGEND

Data are displayed as mean $\pm$ SEM

GD - Gestation Day; 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 $P \leq 0.01$

Naïve females were paired with dosed males; no dams were dosed in this study.

**** END OF REPORT ****