

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

I04G: Mean Body Weight Gain
Test Compound: alpha-Pinene
CAS Number: 80-56-8

Date Report Requested: 07/11/2023
Time Report Requested: 10:26:17
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

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

I04G: Mean Body Weight Gain
 Test Compound: alpha-Pinene
 CAS Number: 80-56-8

Date Report Requested: 07/11/2023
 Time Report Requested: 10:26:17
 Lab: Battelle

Males: Fertility Males									
Phase	Days	Treatment Groups (ppm)							
		0		100		200		400	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	1 - 10	4.0 ± 0.2	25	4.1 ± 0.2	25	3.8 ± 0.2	25	4.4 ± 0.2	25
	10 - 17	2.2 ± 0.1 **	25	3.2 ± 0.2	25	3.1 ± 0.1	25	0.4 ± 0.4 **	25
	17 - 24	1.3 ± 0.2	25	0.1 ± 0.3 *	25	0.1 ± 0.2 *	25	2.8 ± 0.5 **	25
	24 - 31	1.3 ± 0.2	25	1.5 ± 0.2	25	1.2 ± 0.5	25	0.8 ± 0.1	25
	31 - 38	1.1 ± 0.2	25	0.5 ± 0.2	25	1.6 ± 0.5	25	0.8 ± 0.1	25
	38 - 45	0.6 ± 0.1 **	25	0.8 ± 0.1	25	1.7 ± 0.2 **	25	1.7 ± 0.1 **	25
	45 - 52	0.0 ± 0.2	25	1.4 ± 0.2 **	25	0.6 ± 0.2 *	25	0.3 ± 0.2	25
	52 - 59	1.7 ± 0.1 **	25	1.4 ± 0.1	25	1.0 ± 0.1 **	25	1.1 ± 0.2 **	25
	59 - 66	1.0 ± 0.2 **	25	1.0 ± 0.2	25	0.5 ± 0.1 *	25	0.2 ± 0.1 **	25
	66 - 73	-0.1 ± 0.2 *	25	-0.1 ± 0.2	25	0.0 ± 0.1	25	0.2 ± 0.2	25
	73 - 80	0.7 ± 0.2	25	1.2 ± 0.2	25	1.6 ± 0.1	25	-0.3 ± 0.5 *	25
	80 - 87	0.6 ± 0.2	25	0.3 ± 0.2	25	-0.1 ± 0.1	25	0.2 ± 0.6	25
	87 - 90	0.5 ± 0.2	25	-0.2 ± 0.2 **	25	0.2 ± 0.1	25	0.7 ± 0.1	25
	1 - 90	15.0 ± 0.7	25	15.3 ± 0.7	25	15.3 ± 0.5	25	13.1 ± 0.7	25

Females: Naive Females									
Treatment Groups (ppm)									
Phase	Days	0		100		200		400	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
Gestation	0 - 5	1.7 ± 0.3	23	2.8 ± 0.3 *	22	1.6 ± 0.2	22	1.7 ± 0.2	23
	5 - 10	5.1 ± 0.3	23	4.6 ± 0.4	22	5.0 ± 0.2	22	4.6 ± 0.3	23
	10 - 14	10.2 ± 0.6	23	9.2 ± 0.7	22	8.1 ± 0.7	22	9.7 ± 0.3	23
	0 - 14	17.0 ± 0.6	23	16.6 ± 0.9	22	14.8 ± 0.8	22	16.0 ± 0.4	23

Study Number: C20302B-02

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Mouse/CD-1

I04G: Mean Body Weight Gain

Test Compound: alpha-Pinene

CAS Number: 80-56-8

Date Report Requested: 07/11/2023

Time Report Requested: 10:26:17

Lab: Battelle

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 ****