

Study Number: C20302B-01
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Mouse/B6C3F1/N

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

Date Report Requested: 06/04/2024
Time Report Requested: 16:06:26
Lab: Battelle

Study Number: C20302B-01
Study Sex: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.6.4
Stat Version: 2022.10.13S

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Males: Interim Males									
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
SD	1 - 87	12.1 ± 1.0 *	10	10.6 ± 0.6	10	11.3 ± 0.5	10	9.4 ± 0.6 *	10

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Males: Core Animals									
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
SD	1 - 87	10.4 ± 0.2 **	50	11.1 ± 0.3	50	9.8 ± 0.2	50	9.4 ± 0.3 **	50
	87 - 703	17.9 ± 1.2 **	41	12.1 ± 1.6 *	31	14.7 ± 1.2 *	37	11.4 ± 1.2 **	33

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Females: Core Animals									
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 - 87	8.9 ± 0.2	50	10.0 ± 0.2 **	50	10.1 ± 0.2 **	36	9.3 ± 0.2	50
	87 - 703	24.1 ± 1.3	34	23.4 ± 1.7	34	23.0 ± 2.0	26	20.2 ± 1.3	31

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LEGEND

Data are displayed as mean $\pm$ SEM.

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 $P \leq 0.01$

SEM = Standard Error of the Mean

SD = Study Day

**** END OF REPORT ****