

Study Number: C20302B-04
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

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

Date Report Requested: 12/07/2021
Time Report Requested: 10:09:33
Lab: Battelle

Study Number: C20302B-04
Study Sex: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.3.5
Stat Version: v2.7.9A

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Males: All Animals

Treatment Groups (ppm)

Phase Day	0		50			100			200		
	Wt (g)	N	Wt (g)	% from CNTL	N	Wt (g)	% from CNTL	N	Wt (g)	% from CNTL	N
SD0	150.9 ± 2.9	15	149.0 ± 2.7	-1.3	15	149.4 ± 2.9	-1.0	15	149.5 ± 3.2	-0.9	15
SD7	195.4 ± 2.9	15	189.4 ± 3.3	-3.1	15	191.6 ± 3.4	-2.0	15	191.6 ± 3.4	-2.0	15
SD14	238.3 ± 3.1	15	231.0 ± 3.9	-3.1	15	231.2 ± 4.3	-3.0	15	229.9 ± 3.5	-3.5	15
SD21	272.5 ± 2.9 *	15	261.3 ± 3.8	-4.1	15	260.0 ± 4.7	-4.6	15	260.3 ± 3.6	-4.5	15
SD28	298.2 ± 3.0 *	15	281.5 ± 3.9 *	-5.6	15	281.2 ± 5.1 *	-5.7	15	282.1 ± 3.9 *	-5.4	15
SD35	318.5 ± 3.7 *	15	300.4 ± 4.1 *	-5.7	15	301.1 ± 5.8 *	-5.5	15	301.6 ± 4.2 *	-5.3	15
SD42	340.4 ± 4.2 **	15	319.2 ± 4.3 **	-6.2	15	319.0 ± 6.3 **	-6.3	15	319.7 ± 4.7 **	-6.1	15
SD49	353.5 ± 4.0 *	15	331.8 ± 4.5 *	-6.1	15	333.8 ± 6.5 *	-5.6	15	333.9 ± 5.3 *	-5.5	15
SD56	367.5 ± 4.6 **	15	342.8 ± 4.6 **	-6.7	15	346.1 ± 6.9 **	-5.8	15	343.8 ± 5.2 **	-6.4	15
SD63	379.0 ± 4.8 **	15	352.2 ± 5.0 **	-7.1	15	356.6 ± 7.0 **	-5.9	15	353.5 ± 5.5 **	-6.7	15
SD70	386.2 ± 5.6 *	15	362.0 ± 5.3 *	-6.3	15	366.7 ± 7.4	-5.0	15	364.4 ± 6.1 *	-5.6	15
SD77	397.4 ± 5.4 *	15	369.9 ± 6.0 **	-6.9	15	375.1 ± 7.6 *	-5.6	15	373.8 ± 6.1 *	-5.9	15
SD84	404.0 ± 5.7	15	376.6 ± 6.2 *	-6.8	15	381.4 ± 8.0	-5.6	15	383.9 ± 6.7	-5.0	15

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Phase Day	0		50			100			200		
	Wt (g)	N	Wt (g)	% from CNTL	N	Wt (g)	% from CNTL	N	Wt (g)	% from CNTL	N
SD0	125.1 ± 1.5	15	125.5 ± 1.6	0.3	15	126.0 ± 1.6	0.7	15	123.9 ± 1.3	-1.0	15
SD7	147.7 ± 2.0	15	145.9 ± 2.3	-1.2	15	148.3 ± 2.1	0.4	15	147.6 ± 1.6	-0.0	15
SD14	167.3 ± 2.6	15	164.4 ± 2.4	-1.8	15	168.4 ± 2.7	0.6	15	163.6 ± 1.7	-2.2	15
SD21	181.4 ± 2.6	15	178.0 ± 2.6	-1.9	15	183.9 ± 2.8	1.4	15	179.7 ± 1.8	-0.9	15
SD28	195.6 ± 3.1	15	192.3 ± 3.1	-1.7	15	196.2 ± 3.0	0.3	15	189.8 ± 2.3	-3.0	15
SD35	202.7 ± 3.0	15	202.5 ± 3.1	-0.1	15	210.6 ± 3.5	3.9	15	201.4 ± 2.2	-0.6	15
SD42	213.4 ± 3.7	15	210.4 ± 3.0	-1.4	15	220.1 ± 3.6	3.1	15	207.7 ± 2.5	-2.7	15
SD49	220.1 ± 3.3	15	219.6 ± 3.8	-0.2	15	226.4 ± 3.9	2.9	15	218.3 ± 2.6	-0.9	15
SD56	228.0 ± 3.7	15	223.4 ± 3.4	-2.0	15	231.1 ± 3.6	1.4	15	224.0 ± 2.6	-1.8	15
SD63	231.8 ± 3.9	15	226.8 ± 3.1	-2.1	15	238.4 ± 3.5	2.9	15	227.5 ± 2.8	-1.9	15
SD70	235.0 ± 3.4	15	232.3 ± 3.5	-1.2	15	242.5 ± 3.6	3.2	15	230.7 ± 3.2	-1.8	15
SD77	236.1 ± 3.4	15	233.6 ± 4.4	-1.1	14	244.2 ± 3.5	3.4	15	231.6 ± 2.8	-1.9	15
SD84	237.9 ± 3.4	15	235.8 ± 3.6	-0.9	15	243.9 ± 3.9	2.5	15	233.9 ± 2.8	-1.7	15

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LEGEND

Data are displayed as mean $\pm$ SEM

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 $P \leq 0.01$

'All Animals' includes both the Core and Biosample animals.

**** END OF REPORT ****