

Study Number: C20302B-04

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain

Test Compound: alpha-Pinene

CAS Number: 80-56-8

Date Report Requested: 12/07/2021

Time Report Requested: 10:10:33

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

Study Number: C20302B-04

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain

Test Compound: alpha-Pinene

CAS Number: 80-56-8

Date Report Requested: 12/07/2021

Time Report Requested: 10:10:33

Lab: Battelle

Males: All Animals

Phase	Days	Treatment Groups (ppm)							
		0		50		100		200	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	44.5 ± 0.8	15	40.4 ± 1.1 *	15	42.1 ± 1.2	15	42.0 ± 1.2	15
	7 - 14	43.0 ± 1.1 *	15	41.6 ± 1.4	15	39.6 ± 1.4	15	38.4 ± 1.4 *	15
	14 - 21	34.1 ± 1.3 *	15	30.4 ± 1.3	15	28.8 ± 1.0 **	15	30.4 ± 1.3	15
	21 - 28	25.8 ± 1.4	15	20.2 ± 0.8 **	15	21.2 ± 0.8 *	15	21.8 ± 1.2 *	15
	28 - 35	20.3 ± 1.2	15	18.9 ± 1.3	15	19.9 ± 1.0	15	19.5 ± 0.9	15
	35 - 42	21.9 ± 1.9	15	18.8 ± 0.8	15	17.9 ± 1.0	15	18.1 ± 0.8	15
	42 - 49	13.1 ± 2.1	15	12.6 ± 0.9	15	14.8 ± 0.8	15	14.3 ± 1.2	15
	49 - 56	13.9 ± 1.0 *	15	11.0 ± 0.9	15	12.3 ± 0.7	15	9.9 ± 0.9 **	15
	56 - 63	11.5 ± 0.7	15	9.4 ± 1.0	15	10.5 ± 0.6	15	9.6 ± 0.9	15
	63 - 70	7.2 ± 2.8	15	9.7 ± 1.3	15	10.2 ± 0.9	15	10.9 ± 1.0	15
	70 - 77	11.2 ± 2.1	15	8.0 ± 1.4	15	8.4 ± 0.9	15	9.4 ± 0.7	15
	77 - 84	6.6 ± 2.9	15	6.7 ± 1.2	15	6.3 ± 3.1	15	10.1 ± 1.1	15
	0 - 84	253.1 ± 5.5	15	227.6 ± 6.1 *	15	232.0 ± 6.7	15	234.3 ± 7.7	15

Study Number: C20302B-04

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain

Test Compound: alpha-Pinene

CAS Number: 80-56-8

Date Report Requested: 12/07/2021

Time Report Requested: 10:10:33

Lab: Battelle

Females: All Animals

Phase	Days	Treatment Groups (ppm)							
		0		50		100		200	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	22.6 ± 1.0	15	20.4 ± 1.0	15	22.3 ± 0.9	15	23.8 ± 1.2	15
	7 - 14	19.6 ± 0.9 *	15	18.4 ± 0.7	15	20.1 ± 1.2	15	16.0 ± 0.8 *	15
	14 - 21	14.1 ± 1.3	15	13.6 ± 0.9	15	15.5 ± 0.9	15	16.1 ± 0.8	15
	21 - 28	14.2 ± 1.3	15	14.4 ± 1.5	15	12.3 ± 0.9	15	10.1 ± 1.3	15
	28 - 35	7.1 ± 1.6 **	15	10.1 ± 1.1	15	14.4 ± 1.2 **	15	11.6 ± 0.9 **	15
	35 - 42	10.7 ± 1.8	15	7.9 ± 0.9	15	9.5 ± 1.6	15	6.3 ± 1.0	15
	42 - 49	6.8 ± 1.5	15	9.3 ± 2.2	15	6.4 ± 2.2	15	10.6 ± 1.0	15
	49 - 56	7.8 ± 1.5	15	3.8 ± 1.9	15	4.6 ± 2.1	15	5.7 ± 1.3	15
	56 - 63	3.8 ± 2.1	15	3.4 ± 0.9	15	7.3 ± 1.4	15	3.5 ± 1.5	15
	63 - 70	3.3 ± 1.3	15	5.5 ± 1.3	15	4.1 ± 1.0	15	3.2 ± 1.4	15
	70 - 77	1.0 ± 1.0	15	0.3 ± 1.8	14	1.7 ± 1.1	15	0.9 ± 1.0	15
	77 - 84	1.8 ± 1.0	15	3.1 ± 1.6	14	-0.3 ± 1.3	15	2.3 ± 0.9	15
	0 - 84	112.8 ± 2.7	15	110.2 ± 2.6	15	117.9 ± 3.5	15	110.0 ± 2.4	15

Study Number: C20302B-04

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain

Test Compound: alpha-Pinene

CAS Number: 80-56-8

Date Report Requested: 12/07/2021

Time Report Requested: 10:10:33

Lab: Battelle

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 ****