

Study Number: I07062

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

Study Number:

Study Sex:

PWG Approval Date:

Version:

Stat Version:

I04G: Mean Body Weight Gain

Test Compound: 1020 Long Multiwalled Carbon Nanotube

CAS Number: L-MWNT-1020

I07062

Female

See web page for date of PWG Approval

v1.7.0

2022.10.13S

Date Report Requested: 12/27/2024

Time Report Requested: 10:23:14

Lab: Burleson Research Technologies

Females: Immunopath											
Phase	Days	Treatment Groups (mg/m ³)									
		0		0.06		0.2		0.6		15 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	19.2 ± 1.7	12	16.2 ± 1.0	12	17.3 ± 1.2	12	19.6 ± 0.9	12	16.4 ± 1.5	10
	7 - 14	14.1 ± 1.5 *	12	12.9 ± 0.8	12	13.3 ± 1.2	12	17.9 ± 1.0	12	9.8 ± 1.4	10
	14 - 21	11.9 ± 1.3	12	8.9 ± 2.4	12	11.8 ± 1.2	12	13.7 ± 1.2	12	10.1 ± 0.9	10
	21 - 28	11.5 ± 1.1	12	12.5 ± 2.9	12	9.3 ± 1.2	12	9.8 ± 1.7	12	9.6 ± 0.8	10
	28 - 35	4.1 ± 1.4	12	6.7 ± 1.0	12	7.8 ± 1.9	12	5.5 ± 1.1	12	11.3 ± 1.3 **	10
	0 - 35	60.9 ± 2.4	12	57.3 ± 1.9	12	59.7 ± 2.8	12	66.4 ± 2.3	12	57.0 ± 2.7	10

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LEGEND

Data are displayed as mean \pm SEM

Statistical analysis performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests. The positive control group (15 mg/kg CPS) was excluded from trend test.

Statistical analysis for the positive control group (15 mg/kg CPS) compared to the vehicle control group was performed using the t-test.

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

CPS = Cyclophosphamide

**** END OF REPORT ****