Study Number: I07062B
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Mouse/B6C3F1/N

I04G: Mean Body Weight Gain
Test Compound: 1020 Long Multiwalled Carbon Nanotube
CAS Number: L-MWNT-1020

Date Report Requested: 12/31/2024
Time Report Requested: 13:31:19
Lab: Burleson Research Technologies

Study Number:	I07062B
Study Sex:	Female
PWG Approval Date:	See web page for date of PWG Approval
Version:	v1.7.0
Stat Version:	2022.10.13S

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I04G: Mean Body Weight Gain
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Females: Immunopathology

Phase	Days	Treatment Groups (mg/m^3)									
		0		**0.06**		**0.2**		**0.6**		**50 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	1.2 ± 0.2	8	1.6 ± 0.2	8	2.1 ± 0.2 *	7	1.6 ± 0.2	8	0.6 ± 0.2	8
	7 - 14	-0.3 ± 0.2	8	-0.4 ± 0.3	8	0.3 ± 0.2	7	-0.8 ± 0.1	8	0.3 ± 0.3	8
	14 - 21	1.0 ± 0.6	8	1.3 ± 0.3	8	0.4 ± 0.4	7	1.7 ± 0.2	8	1.2 ± 0.1	8
	21 - 28	0.3 ± 0.7 *	8	-1.0 ± 0.4	8	-0.5 ± 0.2	7	-1.2 ± 0.3	8	1.1 ± 0.2	8
	28 - 35	0.6 ± 0.2 *	8	1.1 ± 0.4	8	0.6 ± 0.2	7	-0.4 ± 0.3	8	0.4 ± 0.3	8
	0 - 35	2.9 ± 0.2 **	8	2.5 ± 0.4	8	2.9 ± 0.5	7	0.9 ± 0.4 **	8	3.6 ± 0.3 *	8

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LEGEND

Data are displayed as mean ± SEM

Statistical analysis performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests. The positive control group (50 mg/kg CPS) was excluded from trend test.

Statistical analysis for the positive control group (50 mg/kg CPS) compared to the vehicle control group was performed using the t-test.

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at P <= 0.05

** Statistically significant at P <= 0.01

SEM = Standard Error of the Mean

SD = Study Day

CPS = Cyclophosphamide

** END OF REPORT **