

**Study Number:** I07062B

**Test Type:** TOX

**Route:** Whole-Body Inhalation

**Species/Strain:** Mouse/B6C3F1/N

**Study Number:**

**Study Sex:**

**PWG Approval Date:**

**Version:**

**Stat Version:**

**I04: Mean Body Weight Summary**

**Test Compound:** 1020 Long Multiwalled Carbon Nanotube

**CAS Number:** L-MWNT-1020

I07062B

Female

See web page for date of PWG Approval

v1.7.0

2022.10.13S

**Date Report Requested:** 12/31/2024

**Time Report Requested:** 13:15:42

**Lab:** Burleson Research Technologies

Females: Immunopathology											
Treatment Groups (mg/m <sup>3</sup> )											
Phase Day	0		0.06			0.2			0.6		
	Wt (g)	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD0	21.0 ± 0.4	8	21.1 ± 0.6	100.7	8	20.5 ± 0.4	97.9	7	22.0 ± 0.4	104.8	8
SD7	22.2 ± 0.5	8	22.7 ± 0.6	102.6	8	22.6 ± 0.5	101.8	7	23.6 ± 0.5	106.3	8
SD14	21.8 ± 0.4	8	22.3 ± 0.5	102.1	8	22.8 ± 0.3	104.5	7	22.7 ± 0.5	104.1	8
SD21	22.9 ± 0.8	8	23.5 ± 0.7	103.0	8	23.3 ± 0.4	101.7	7	24.5 ± 0.6	107.0	8
SD28	23.2 ± 0.4	8	22.5 ± 0.6	97.2	8	22.8 ± 0.3	98.2	7	23.3 ± 0.5	100.3	8
SD35	23.8 ± 0.5	8	23.6 ± 0.7	99.2	8	23.4 ± 0.4	98.2	7	22.9 ± 0.4	96.1	8

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**Females: Immunopathology**

Phase Day	Treatment Groups (mg/m <sup>3</sup> )		
	50 mg/kg CPS		
	Wt (g)	% of CNTL	N
SD0	20.3 ± 0.2	96.7	8
SD7	20.9 ± 0.1 *	94.2	8
SD14	21.2 ± 0.3	97.1	8
SD21	22.4 ± 0.2	97.8	8
SD28	23.5 ± 0.3	101.2	8
SD35	23.9 ± 0.3	100.2	8

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LEGEND

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Data are displayed as mean  $\pm$  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 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 \*\***