

Study Number: C08022

Test Type: TOX

Route: Nose-Only Inhalation

Species/Strain: Mouse/B6C3F1/N

Study Number:

Study Gender:

PWG Approval Date

I04: Mean Body Weight Summary

Test Compound: Aspergillus fumigatus mold

CAS Number: ASPERGILLUS

C08022

Both

See web page for date of PWG Approval

Date Report Requested: 05/11/2020

Time Report Requested: 08:37:22

Lab: Battelle

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Males

Treatment Groups (Air)

Phase Day	Air Control		Heat Inactivated Particle Control			Viable Aspergillus fumigatus		
	Wt (g)	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD1	25.7 ± 0.4	10	25.7 ± 0.5	100.0	10	26.4 ± 0.7	102.8	10
SD8	26.6 ± 0.5	10	26.3 ± 0.6	98.8	10	26.8 ± 0.7	100.8	10
SD15	26.9 ± 0.5	10	26.9 ± 0.5	100.0	10	27.4 ± 0.7	101.7	10
SD22	27.8 ± 0.5	10	27.4 ± 0.7	98.4	10	27.9 ± 0.7	100.4	10
SD30	29.0 ± 0.5	10	28.5 ± 0.7	98.5	10	28.7 ± 0.7	99.0	10
SD36	29.2 ± 0.6	10	29.2 ± 0.8	99.9	10	29.1 ± 0.9	99.5	10
SD43	29.5 ± 0.6	10	29.9 ± 0.7	101.2	10	29.3 ± 0.9	99.2	10
SD50	30.1 ± 0.6	10	30.5 ± 0.7	101.1	10	29.4 ± 0.9	97.5	10
SD57	30.3 ± 0.6	10	30.6 ± 0.7	101.0	10	29.7 ± 0.9	98.2	10
SD64	31.3 ± 0.7	10	31.7 ± 0.8	101.2	10	30.8 ± 1.0	98.3	10
SD71	31.9 ± 0.7	10	32.1 ± 0.8	100.5	10	30.8 ± 1.0	96.6	10
SD78	32.6 ± 0.7	10	32.5 ± 0.8	99.7	10	31.5 ± 1.1	96.7	10
SD84	33.1 ± 0.7	10	33.4 ± 0.9	100.8	10	31.0 ± 1.3	93.7	10
SD87	31.8 ± 0.7	10	32.1 ± 0.8	100.9	10	30.8 ± 1.2	96.9	10

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Females

Treatment Groups (Air)

Phase Day	Air Control		Heat Inactivated Particle Control			Viable Aspergillus fumigatus		
	Wt (g)	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD1	20.4 ± 0.4	10	20.9 ± 0.5	102.2	10	20.8 ± 0.3	101.5	10
SD8	21.1 ± 0.4	10	21.2 ± 0.4	100.9	10	21.4 ± 0.3	101.7	10
SD15	21.5 ± 0.4	10	21.7 ± 0.5	100.7	10	21.8 ± 0.4	101.2	10
SD22	22.3 ± 0.5	10	22.2 ± 0.5	99.5	10	22.1 ± 0.5	98.9	10
SD30	23.6 ± 0.5	10	22.8 ± 0.6	96.9	10	23.1 ± 0.5	98.0	10
SD36	23.3 ± 0.4	10	23.2 ± 0.5	99.4	10	23.2 ± 0.6	99.6	10
SD43	23.6 ± 0.4	10	23.7 ± 0.5	100.6	10	23.7 ± 0.6	100.4	10
SD50	24.4 ± 0.6	10	24.5 ± 0.7	100.3	10	24.3 ± 0.6	99.5	10
SD57	25.3 ± 0.5	10	25.4 ± 0.7	100.2	10	24.9 ± 0.8	98.2	10
SD64	26.0 ± 0.6	10	25.7 ± 0.7	98.6	10	25.6 ± 0.9	98.5	10
SD71	26.5 ± 0.6	10	26.4 ± 0.6	99.7	10	25.9 ± 0.9	97.7	10
SD78	27.1 ± 0.7	9	27.4 ± 0.6	101.1	10	26.6 ± 0.9	98.0	10
SD84	28.0 ± 0.9	9	28.3 ± 0.8	101.2	10	27.0 ± 1.0	96.5	10
SD87	26.6 ± 0.9	9	26.7 ± 0.8	100.6	9	25.8 ± 1.0	97.0	10

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LEGEND

Data are displayed as mean \pm SEM

Percent of Control calculated by (dosed group mean / air control group mean) x 100.

SD – Study Day

Pairwise comparisons of Biological Particle Control vs. Air Control, Test Article vs. Air Control, and Test Article vs. Biological Particle Control were performed using one-way ANOVA with post-hoc Tukey HSD test. No trend test was performed.

Statistical significance for Air Control group indicates a significant pairwise test compared to the Viable Aspergillus fumigatus group.

Statistical significance for Heat Inactivated Particle Control group indicates a significant pairwise test compared to the Viable Aspergillus fumigatus group.

* Statistically significant pairwise difference from Air Control at $P \leq 0.05$

** Statistically significant pairwise difference from Air Control at $P \leq 0.01$

Statistically significant pairwise difference from Heat Inactivated Particle Control at $P \leq 0.05$

Statistically significant pairwise difference from Heat Inactivated Particle Control at $P \leq 0.01$

**** END OF REPORT ****