

Study Number: C04052

Test Type: TOX

Route: Nose-Only Inhalation

Species/Strain: Mouse/B6C3F1/N

I04: Mean Body Weight Summary

Test Compound: Stachybotrys chartarum

CAS Number: 67892-26-6

Date Report Requested: 11/15/2021

Time Report Requested: 14:27:42

Lab: Battelle

Study Number:

C04052

Study Gender:

Both

PWG Approval Date:

See web page for date of PWG Approval

Version:

v1.3.3-2-g40295ca

Stat Version:

S

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Males

Treatment Groups (Air)

Phase Day	Air Control		Heat Inactivated Particle Control			Viable Stachybotrys chartarum		
	Wt (g)	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD1	24.6 ± 0.4	10	25.0 ± 0.4	101.7	10	24.5 ± 0.4	99.7	10
SD8	24.8 ± 0.4	9	25.1 ± 0.4	101.1	10	24.5 ± 0.4	98.7	10
SD15	25.8 ± 0.5	9	26.1 ± 0.4	101.1	10	25.4 ± 0.5	98.8	10
SD22	26.4 ± 0.4	9	26.6 ± 0.5	100.8	10	26.2 ± 0.5	99.5	10
SD29	26.8 ± 0.4	9	27.3 ± 0.6	101.7	10	27.1 ± 0.5	100.8	10
SD36	29.2 ± 0.6	9	29.5 ± 0.8	101.0	10	29.0 ± 0.6	99.3	10
SD43	28.6 ± 0.5	9	29.1 ± 0.7	101.7	10	28.8 ± 0.7	100.6	10
SD50	29.3 ± 0.6	9	30.0 ± 0.8	102.2	10	29.6 ± 0.7	100.8	10
SD58	30.4 ± 0.6	9	31.0 ± 0.8	102.2	10	30.7 ± 0.7	101.0	10
SD64	31.7 ± 0.6	9	31.9 ± 0.8	100.5	10	32.0 ± 0.7	100.8	10
SD71	32.2 ± 0.5	9	32.7 ± 0.8	101.5	10	32.6 ± 0.7	101.1	10
SD78	32.9 ± 0.6	9	33.5 ± 0.9	101.8	10	33.4 ± 0.7	101.6	10
SD85	33.2 ± 0.7	9	33.7 ± 0.9	101.5	10	34.1 ± 0.7	102.8	10
SD88	33.3 ± 0.6	9	33.4 ± 0.9	100.5	10	33.9 ± 0.8	101.7	10

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Females

Treatment Groups (Air)

Phase Day	Air Control		Heat Inactivated Particle Control			Viable Stachybotrys chartarum		
	Wt (g)	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD1	21.2 ± 0.5	10	21.3 ± 0.2	100.6	10	21.3 ± 0.3	100.4	10
SD8	21.5 ± 0.5	10	21.8 ± 0.3	101.4	10	21.6 ± 0.3	100.4	10
SD15	22.4 ± 0.6	10	22.7 ± 0.3	101.7	10	22.3 ± 0.5	99.6	10
SD22	23.1 ± 0.7	10	23.7 ± 0.3	102.6	10	23.1 ± 0.6	100.3	10
SD29	23.6 ± 0.8	10	24.6 ± 0.5	104.2	10	23.7 ± 0.6	100.2	10
SD36	25.4 ± 1.1	10	27.2 ± 0.5	107.3	10	24.5 ± 0.8	96.7	10
SD43	25.2 ± 1.1	10	27.5 ± 0.5	108.9	10	24.6 ± 0.8	97.4	10
SD50	26.1 ± 1.2	10	28.2 ± 0.5	108.1	10	25.0 ± 0.9	96.0	10
SD58	27.0 ± 1.2	10	29.1 ± 0.6	107.9	10	25.9 ± 1.0	96.0	10
SD64	27.9 ± 1.4	10	30.0 ± 0.7	107.4	10	26.8 ± 1.0	95.8	10
SD71	28.8 ± 1.3	10	30.7 ± 0.6	106.3	10	27.5 ± 1.1	95.3	10
SD78	29.7 ± 1.3	10	31.9 ± 0.8	107.2	10	29.0 ± 1.0	97.5	10
SD85	30.3 ± 1.3	10	32.5 ± 0.8	107.3	10	29.6 ± 1.0	97.6	10
SD88	30.2 ± 1.2	10	32.1 ± 0.8	106.2	10	29.4 ± 1.1	97.4	10

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LEGEND

Data are displayed as mean \pm SEM

SD – Study Day

Pairwise comparisons of Heat Inactivated Particle Control vs. Air Control, Viable Stachybotrys Chartarum vs. Air Control, and Heat Inactivated Particle Control vs. Viable Stachybotrys Chartarum were performed using one-way ANOVA with post-hoc Tukey HSD test. No trend test was performed.

* 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 $P \leq 0.01$

Air Control = air vehicle control

Heat Inactivated Particle Control = non-viable biological particle

Viable Stachybotrys chartarum = test article of Stachybotrys chartarum

**** END OF REPORT ****