

Study Number: C04052

Test Type: TOX

Route: Nose-Only Inhalation

Species/Strain: Mouse/B6C3F1/N

Study Number:

Study Gender:

PWG Approval Date:

Version:

PA03: Non-Neoplastic Lesion Summary with Percent Incidence

Test Compound: Stachybotrys chartarum

CAS Number: 67892-26-6

Target Version: Actions To Be Taken

C04052

Both

See web page for date of PWG Approval

v1.4.3

Date Report Requested: 02/01/2023

Time Report Requested: 13:19:22

Lab: Battelle

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Lab: Battelle

Male

Treatment Groups

	Air Control	Heat Inactivated Particle Control	Viable Stachybotrys chartarum
Disposition Summary			
Animals Initially In Study	10	10	10
Censored			
Early Deaths			
Sacrificed, Moribund	1		
Survivors			
Scheduled Sacrifice, Terminal	9	10	10
Number Animals Examined Microscopically	10	10	10
ALIMENTARY SYSTEM			
ESOPHAGUS	(10)	(10)	(10)
GALLBLADDER	(10)	(9)	(10)
INTESTINE, LARGE, CECUM	(10)	(10)	(10)
INTESTINE, LARGE, COLON	(10)	(10)	(10)
INTESTINE, LARGE, RECTUM	(10)	(10)	(10)
INTESTINE, SMALL, DUODENUM	(10)	(10)	(10)
INTESTINE, SMALL, ILEUM	(10)	(10)	(10)
INTESTINE, SMALL, JEJUNUM	(10)	(10)	(10)
LIVER	(10)	(10)	(10)
PANCREAS	(10)	(10)	(10)
SALIVARY GLAND	(10)	(10)	(10)
STOMACH, FORESTOMACH	(10)	(10)	(10)
STOMACH, GLANDULAR	(10)	(10)	(10)
CARDIOVASCULAR SYSTEM			
AORTA	(10)	(10)	(10)
HEART	(10)	(10)	(10)

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	Treatment Groups		
	Air Control	Heat Inactivated Particle Control	Viable Stachybotrys chartarum
Male			
ENDOCRINE SYSTEM			
ADRENAL GLAND	(10)	(10)	(10)
ISLETS, PANCREATIC	(10)	(10)	(10)
PARATHYROID GLAND	(9)	(9)	(9)
PITUITARY GLAND	(9)	(10)	(10)
THYROID GLAND	(10)	(10)	(10)
C-CELL; HYPERPLASIA	1 (10%)		
GENERAL BODY SYSTEM			
No Tissues/Organs Examined			
GENITAL SYSTEM			
EPIDIDYMIS	(10)	(10)	(10)
PREPUTIAL GLAND	(10)	(10)	(10)
INFLAMMATION; SUPPURATIVE	1 (10%)		
PROSTATE	(10)	(10)	(10)
SEMINAL VESICLE	(10)	(10)	(10)
TESTES	(10)	(10)	(10)
HEMATOLYMPHOID SYSTEM			
LYMPH NODE, BRONCHIAL	(10)	(10)	(8)
LYMPH NODE, MANDIBULAR	(10)	(9)	(9)
LYMPH NODE, MEDIASTINAL	(5)	(4)	(7)
LYMPH NODE, MESENTERIC	(10)	(10)	(10)
SPLEEN	(10)	(10)	(10)
THYMUS	(10)	(10)	(10)
ECTOPIC TISSUE	1 (10%)	2 (20%)	
INTEGUMENTARY SYSTEM			
SKIN	(10)	(10)	(10)

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	Treatment Groups		
	Air Control	Heat Inactivated Particle Control	Viable Stachybotrys chartarum
MUSCULOSKELETAL SYSTEM			
BONE, FEMUR	(10)	(9)	(10)
NERVOUS SYSTEM			
BRAIN	(10)	(10)	(10)
RESPIRATORY SYSTEM			
CAVITY, NASAL	(10)	(9)	(10)
LARYNX	(10)	(10)	(10)
EPIGLOTTIS; METAPLASIA; SQUAMOUS			4 (40%)
LUNG	(10)	(10)	(10)
FUNGUS		1 (10%)	9 (90%)
BALT; HYPERPLASIA; LYMPHOCYTE			9 (90%)
BRONCHIOLE; EPITHELIUM; HYPERPLASIA			10 (100%)
ARTERY; HYPERTROPHY; MEDIAL			10 (100%)
INFILTRATION CELLULAR; HISTIOCYTE			10 (100%)
PERIVASCULAR; INFLAMMATION; CHRONIC-ACTIVE			10 (100%)
METAPLASIA; GOBLET CELL			10 (100%)
ARTERY; THROMBUS			3 (30%)
TRACHEA	(10)	(10)	(10)
SPECIAL SENSES SYSTEM			
EYE	(10)	(10)	(10)
HARDERIAN GLAND	(10)	(10)	(10)
URINARY SYSTEM			
KIDNEY	(10)	(10)	(10)
CHRONIC PROGRESSIVE NEPHROPATHY			1 (10%)
URINARY BLADDER	(10)	(10)	(10)

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Female

	Treatment Groups		
	Air Control	Heat Inactivated Particle Control	Viable Stachybotrys chartarum
Disposition Summary			
Animals Initially In Study	10	10	10
Censored			
Early Deaths			
Survivors			
Scheduled Sacrifice, Terminal	10	10	10
Number Animals Examined Microscopically	10	10	10
ALIMENTARY SYSTEM			
ESOPHAGUS	(10)	(10)	(10)
GALLBLADDER	(10)	(10)	(10)
INTESTINE, LARGE, CECUM	(10)	(10)	(10)
INTESTINE, LARGE, COLON	(10)	(10)	(10)
INTESTINE, LARGE, RECTUM	(10)	(10)	(10)
INTESTINE, SMALL, DUODENUM	(10)	(10)	(10)
INTESTINE, SMALL, ILEUM	(10)	(10)	(10)
INTESTINE, SMALL, JEJUNUM	(10)	(10)	(10)
LIVER	(10)	(10)	(10)
INFLAMMATION; FOCAL	1 (10%)		
PANCREAS	(10)	(10)	(10)
SALIVARY GLAND	(10)	(10)	(10)
SUBMANDIBULAR; INFILTRATION, CELLULAR; LYMPHOCYTE	1 (10%)		
STOMACH, FORESTOMACH	(10)	(10)	(10)
STOMACH, GLANDULAR	(10)	(10)	(10)
CARDIOVASCULAR SYSTEM			
AORTA	(10)	(10)	(10)
HEART	(10)	(10)	(10)

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	Treatment Groups		
	Air Control	Heat Inactivated Particle Control	Viable Stachybotrys chartarum
ENDOCRINE SYSTEM			
ADRENAL GLAND	(10)	(10)	(10)
ISLETS, PANCREATIC	(10)	(10)	(10)
PARATHYROID GLAND	(10)	(9)	(10)
ECTOPIC TISSUE	1 (10%)		1 (10%)
PITUITARY GLAND	(10)	(10)	(10)
THYROID GLAND	(10)	(10)	(10)
C-CELL; HYPERPLASIA	1 (10%)		1 (10%)
GENERAL BODY SYSTEM			
No Tissues/Organs Examined			
GENITAL SYSTEM			
CLITORAL GLAND	(10)	(10)	(10)
OVARY	(10)	(10)	(10)
UTERUS	(10)	(10)	(10)
HEMATOLYMPHOID SYSTEM			
LYMPH NODE, BRONCHIAL	(10)	(8)	(8)
FUNGUS			2 (25%)
HYPERPLASIA; LYMPHOCYTE			2 (25%)
LYMPH NODE, MANDIBULAR	(10)	(10)	(9)
LYMPH NODE, MEDIASTINAL	(3)	(8)	(8)
LYMPH NODE, MESENTERIC	(10)	(10)	(10)
SPLEEN	(10)	(10)	(10)
THYMUS	(10)	(10)	(10)
CYST; MULTIPLE	3 (30%)	2 (20%)	
CYST	2 (20%)	4 (40%)	2 (20%)

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	Treatment Groups		
	Air Control	Heat Inactivated Particle Control	Viable Stachybotrys chartarum
INTEGUMENTARY SYSTEM			
MAMMARY GLAND	(10)	(10)	(10)
SKIN	(10)	(10)	(10)
MUSCULOSKELETAL SYSTEM			
BONE, FEMUR	(10)	(10)	(10)
NERVOUS SYSTEM			
BRAIN	(10)	(10)	(10)
RESPIRATORY SYSTEM			
CAVITY, NASAL	(10)	(10)	(10)
LARYNX	(10)	(9)	(10)
EPIGLOTTIS; METAPLASIA; SQUAMOUS		3 (33%)	7 (70%)
LUNG	(10)	(10)	(10)
FUNGUS		9 (90%)	10 (100%)
BALT; HYPERPLASIA; LYMPHOCYTE			9 (90%)
BRONCHIOLE; EPITHELIUM; HYPERPLASIA			10 (100%)
ARTERY; HYPERTROPHY; MEDIAL			10 (100%)
INFILTRATION CELLULAR; HISTIOCYTE			10 (100%)
PERIVASCULAR; INFLAMMATION; CHRONIC-ACTIVE			10 (100%)
METAPLASIA; GOBLET CELL			10 (100%)
ARTERY; THROMBUS			1 (10%)
TRACHEA	(10)	(10)	(10)
SPECIAL SENSES SYSTEM			
EYE	(10)	(10)	(10)
HARDERIAN GLAND	(10)	(10)	(10)

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	Air Control	Heat Inactivated Particle Control	Viable Stachybotrys chartarum
URINARY SYSTEM			
KIDNEY	(10)	(10)	(10)
CHRONIC PROGRESSIVE NEPHROPATHY			1 (10%)
URINARY BLADDER	(10)	(10)	(10)

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LEGEND

Censored animals are animals not in one of the other disposition categories that are removed prior to the end of the study. The censored animals are included in the pathology data if microscopic examination of tissues was performed.

Number of animals examined given for each tissue.

Number of animals with observation reported with percent incidence in parentheses. If none of the animals examined have the specific lesion then there is a blank for that dose group for that specific lesion.

Air Control = air vehicle control

Heat Inactivated Particle Control = non-viable biological particle

Viable Stachybotrys chartarum = test article of Stachybotrys chartarum

**** END OF REPORT ****