

Study Number: C08022

Test Type: TOX

Route: Nose-Only Inhalation

Species/Strain: Mouse/B6C3F1/N

C Number:

Study Gender:

PWG Approval Date

PA05: Incidence Rates of Neoplastic Lesions with Systemic Lesions Abridged (a)

Test Compound: Aspergillus fumigatus mold

CAS Number: ASPERGILLUS

C08022

Both

See web page for date of PWG Approval

Date Report Requested: 11/25/2019

Time Report Requested: 13:15:09

Lab: Battelle

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Lab: Battelle

Male

Treatment Groups

	Air Control	Heat Inactivated Particle Control	Viable Aspergillus fumigatus
Disposition Summary			
Animals Initially In Study	10	10	10
Scheduled Sacrifice			
Early Deaths			
Survivors			
Scheduled sacrifice, terminal (SD 87)	10	10	10
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)
PANCREAS	(10)	(10)	(10)
SALIVARY GLANDS	(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 Aspergillus fumigatus
ENDOCRINE SYSTEM			
ADRENAL GLAND	(10)	(10)	(10)
ISLETS, PANCREATIC	(10)	(10)	(9)
PARATHYROID GLAND	(7)	(8)	(8)
PITUITARY GLAND	(9)	(10)	(10)
THYROID GLAND	(10)	(10)	(10)
GENERAL BODY SYSTEM			
No Tissues/Organs Examined			
GENITAL SYSTEM			
EPIDIDYMIS	(10)	(10)	(10)
PREPUTIAL GLAND	(10)	(10)	(10)
PROSTATE	(10)	(10)	(10)
SEMINAL VESICLE	(10)	(10)	(10)
TESTES	(10)	(10)	(10)
HEMATOLYMPHOID SYSTEM			
BONE MARROW	(10)	(10)	(10)
LYMPH NODE, BRONCHIAL	(7)	(9)	(9)
LYMPH NODE, MANDIBULAR	(10)	(10)	(10)
LYMPH NODE, MEDIASTINAL	(0)	(4)	(1)
LYMPH NODE, MESENTERIC	(10)	(10)	(10)
SPLEEN	(10)	(10)	(10)
THYMUS	(10)	(10)	(10)
INTEGUMENTARY SYSTEM			
SKIN	(10)	(10)	(10)
MUSCULOSKELETAL SYSTEM			
BONE, FEMUR	(10)	(10)	(10)

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Male

	Treatment Groups		
	Air Control	Heat Inactivated Particle Control	Viable Aspergillus fumigatus
NERVOUS SYSTEM			
BRAIN	(10)	(10)	(10)
RESPIRATORY SYSTEM			
LARYNX	(10)	(10)	(10)
LUNG	(10)	(10)	(10)
NOSE	(10)	(10)	(10)
TRACHEA	(10)	(10)	(10)
SPECIAL SENSES SYSTEM			
EYE	(10)	(10)	(10)
HARDERIAN GLAND	(10)	(10)	(10)
URINARY SYSTEM			
KIDNEY	(10)	(10)	(10)
URINARY BLADDER	(10)	(10)	(10)
No Systemic Lesions			

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Tumor Summary Data for Male	Treatment Groups		
	Air Control	Heat Inactivated Particle Control	Viable Aspergillus fumigatus
Total Animals with Primary Neoplasms	0	0	0
Total Primary Neoplasms	0	0	0
Total Animals with Benign Neoplasms	0	0	0
Total Benign Neoplasms	0	0	0
Total Animals with Malignant Neoplasms	0	0	0
Total Malignant Neoplasms	0	0	0
Total Animals with Metastatic Neoplasms	0	0	0
Total Metastatic Neoplasms	0	0	0
Total Animals with Malignant Neoplasms Uncertain Primary Site	0	0	0

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CAS Number: ASPERGILLUS

Lab: Battelle

Species/Strain: Mouse/B6C3F1/N

Female

Treatment Groups

	Air Control	Heat Inactivated Particle Control	Viable Aspergillus fumigatus
Disposition Summary			
Animals Initially In Study	10	10	10
Scheduled Sacrifice			
Early Deaths			
Found Dead	1	1	
Survivors			
Scheduled sacrifice, terminal (SD 87)	9	9	10
Animals Examined Microscopically	10	10	10
ALIMENTARY SYSTEM			
ESOPHAGUS	(10)	(10)	(10)
GALLBLADDER	(10)	(10)	(9)
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)	(9)	(10)
LIVER	(10)	(10)	(10)
PANCREAS	(10)	(10)	(10)
SALIVARY GLANDS	(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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Female

	Treatment Groups		
	Air Control	Heat Inactivated Particle Control	Viable Aspergillus fumigatus
ENDOCRINE SYSTEM			
ADRENAL GLAND	(10)	(9)	(10)
ISLETS, PANCREATIC	(10)	(10)	(10)
PARATHYROID GLAND	(8)	(8)	(9)
PITUITARY GLAND	(9)	(10)	(10)
THYROID GLAND	(10)	(10)	(10)
GENERAL BODY SYSTEM			
No Tissues/Organs Examined			
GENITAL SYSTEM			
CERVIX	(10)	(10)	(10)
CLITORAL GLAND	(9)	(9)	(9)
OVARY	(10)	(10)	(10)
UTERUS	(10)	(10)	(10)
VAGINA	(10)	(10)	(10)
HEMATOLYMPHOID SYSTEM			
BONE MARROW	(10)	(10)	(10)
LYMPH NODE, BRONCHIAL	(8)	(10)	(10)
LYMPH NODE, MANDIBULAR	(10)	(10)	(10)
LYMPH NODE, MEDIASTINAL	(1)	(3)	(1)
LYMPH NODE, MESENTERIC	(10)	(10)	(10)
SPLEEN	(10)	(10)	(10)
THYMUS	(10)	(10)	(10)
INTEGUMENTARY SYSTEM			
MAMMARY GLAND	(10)	(9)	(10)
SKIN	(10)	(10)	(10)
MUSCULOSKELETAL SYSTEM			
BONE, FEMUR	(10)	(10)	(10)

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Female

	Treatment Groups		
	Air Control	Heat Inactivated Particle Control	Viable Aspergillus fumigatus
NERVOUS SYSTEM			
BRAIN	(10)	(10)	(10)
RESPIRATORY SYSTEM			
LARYNX	(10)	(9)	(10)
LUNG	(10)	(10)	(10)
NOSE	(10)	(10)	(10)
TRACHEA	(10)	(10)	(10)
SPECIAL SENSES SYSTEM			
EYE	(10)	(10)	(10)
HARDERIAN GLAND	(10)	(9)	(10)
URINARY SYSTEM			
KIDNEY	(10)	(10)	(10)
URINARY BLADDER	(10)	(10)	(10)
No Systemic Lesions			

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Tumor Summary Data for Female

	Treatment Groups		
	Air Control	Heat Inactivated Particle Control	Viable Aspergillus fumigatus
Total Animals with Primary Neoplasms	0	0	0
Total Primary Neoplasms	0	0	0
Total Animals with Benign Neoplasms	0	0	0
Total Benign Neoplasms	0	0	0
Total Animals with Malignant Neoplasms	0	0	0
Total Malignant Neoplasms	0	0	0
Total Animals with Metastatic Neoplasms	0	0	0
Total Metastatic Neoplasms	0	0	0
Total Animals with Malignant Neoplasms Uncertain Primary Site	0	0	0

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LEGEND

Number of animals examined given for each tissue. If none of the animals examined have the specific lesion then there is a blank for that dose group for that specific lesion.

Number of animals with observation reported with percent incidence in parentheses

(a) Systemic lesions are included once in the total lesion count regardless of how many times they occurred in a single animal

Phase day range of terminal sacrifice shown in parentheses in disposition summary

SD – Study Day

**** END OF REPORT ****