

TDMs No. 20006 - 02

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)
WITH AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 06/05/2007

Test Type: 90-DAY

INDOLE-3-CARBINOL

Time Report Requested: 07:56:47

Route: GAVAGE

CAS Number: 700-06-1

First Dose M/F: 09/01/04 / 09/02/04

Species/Strain: MICE/B6C3F1

Lab: SRI

F1_M3

C Number: C20006
Lock Date: 03/07/2006
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
TDMSE Version: 1.7.0

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Lab: SRI

B6C3F1 MICE MALE	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG
Disposition Summary					
Animals Initially in Study	10	10	10	10	10
Early Deaths					
Survivors					
Terminal Sacrifice	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10
ALIMENTARY SYSTEM					
Esophagus	(10)	(0)	(0)	(0)	(0)
Inflammation, Chronic	3 [1.0]				
Liver	(10)	(10)	(10)	(10)	(10)
Centrilobular, Vacuolization Cytoplasmic					1 [3.0]
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)
Accessory Adrenal Cortical Nodule	3				
Hypertrophy, Focal	1 [2.0]				
Capsule, Hyperplasia	5 [1.0]				
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Epididymis	(10)	(0)	(0)	(0)	(0)
Hypospermia					
Testes	(10)	(0)	(0)	(0)	(0)
Germinal Epithelium, Degeneration					

a - Number of animals examined microscopically at site and number of animals with lesion

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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B6C3F1 MICE MALE	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG
HEMATOPOIETIC SYSTEM					
Lymph Node, Mandibular	(9)	(0)	(0)	(0)	(0)
Hyperplasia, Histiocytic	3 [2.0]				
Infiltration Cellular, Lipocyte	4 [1.5]				
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)
Necrosis, Lymphoid					
Spleen	(10)	(3)	(0)	(0)	(0)
Hematopoietic Cell Proliferation		2 [3.0]			
Thymus	(10)	(0)	(0)	(0)	(0)
Atrophy	1 [1.0]				
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
Brain	(10)	(0)	(0)	(0)	(0)
Hemorrhage	1 [1.0]				
RESPIRATORY SYSTEM					
Lung	(10)	(0)	(0)	(0)	(0)
Hemorrhage					
SPECIAL SENSES SYSTEM					
Eye	(10)	(0)	(0)	(0)	(0)
Lens, Degeneration	1 [3.0]				
Harderian Gland	(10)	(0)	(0)	(0)	(0)
Inflammation, Chronic	1 [2.0]				

a - Number of animals examined microscopically at site and number of animals with lesion

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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B6C3F1 MICE MALE	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG
URINARY SYSTEM					
Kidney	(10)	(0)	(0)	(0)	(0)
Nephropathy	1 [1.0]				

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Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE MALE

250 MG/KG

Disposition Summary

Animals Initially in Study	10
Early Deaths	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10

ALIMENTARY SYSTEM

Esophagus	(10)
Inflammation, Chronic	3 [1.0]
Liver	(10)
Centrilobular, Vacuolization Cytoplasmic	

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

Adrenal Cortex	(10)
Accessory Adrenal Cortical Nodule	
Hypertrophy, Focal	
Capsule, Hyperplasia	5 [1.0]

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Epididymis	(9)
Hypospermia	1 [4.0]
Testes	(10)
Germinal Epithelium, Degeneration	1 [3.0]

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B6C3F1 MICE MALE

250 MG/KG

HEMATOPOIETIC SYSTEM

Lymph Node, Mandibular	(10)
Hyperplasia, Histiocytic	4 [1.8]
Infiltration Cellular, Lipocyte	3 [1.3]
Lymph Node, Mesenteric	(8)
Necrosis, Lymphoid	3 [2.0]
Spleen	(10)
Hematopoietic Cell Proliferation	
Thymus	(10)
Atrophy	

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

Brain	(10)
Hemorrhage	

RESPIRATORY SYSTEM

Lung	(10)
Hemorrhage	1 [1.0]

SPECIAL SENSES SYSTEM

Eye	(10)
Lens, Degeneration	
Harderian Gland	(10)
Inflammation, Chronic	2 [1.5]

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Lab: SRI

B6C3F1 MICE MALE

250 MG/KG

URINARY SYSTEM

Kidney
Nephropathy

(10)
1 [1.0]

*** END OF MALE ***

Test Type: 90-DAY

INDOLE-3-CARBINOL

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CAS Number: 700-06-1

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Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE FEMALE	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG
Disposition Summary					
Animals Initially in Study	10	10	10	10	10
Early Deaths					
Survivors					
Terminal Sacrifice	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10
ALIMENTARY SYSTEM					
Esophagus	(10)	(0)	(0)	(0)	(0)
Inflammation, Chronic	2 [1.0]				
Gallbladder	(10)	(0)	(0)	(0)	(0)
Hemorrhage					
Inflammation, Chronic					
Liver	(10)	(10)	(10)	(10)	(10)
Eosinophilic Focus		1			
Pancreas	(10)	(0)	(0)	(0)	(0)
Atrophy					
Salivary Glands	(10)	(0)	(0)	(0)	(0)
Hyperplasia, Lymphoid	2 [1.0]				
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)
Capsule, Hyperplasia	10 [1.9]				
Pituitary Gland	(9)	(0)	(0)	(0)	(0)
Pars Distalis, Cyst					
Thyroid Gland	(10)	(0)	(0)	(0)	(0)
Follicle, Cyst	1 [2.0]				
GENERAL BODY SYSTEM					

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B6C3F1 MICE FEMALE	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG
None					
GENITAL SYSTEM					
Uterus Decidual Reaction	(10)	(0)	(1) 1 [4.0]	(0)	(0)
HEMATOPOIETIC SYSTEM					
Lymph Node, Mandibular Hyperplasia, Histiocytic Infiltration Cellular, Lipocyte	(10) 3 [1.7] 3 [1.3]	(0)	(0)	(0)	(0)
Lymph Node, Mesenteric Necrosis, Lymphoid	(10) 1 [2.0]	(10)	(9)	(10)	(10)
Spleen Hematopoietic Cell Proliferation Pigmentation	(10) 2 [1.0]	(1) 1 [2.0]	(0)	(0)	(0)
Thymus Atrophy	(10) 1 [1.0]	(0)	(0)	(0)	(0)
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
Brain Developmental Malformation	(10)	(0)	(0)	(0)	(0)
RESPIRATORY SYSTEM					
Lung Metaplasia, Osseous	(10)	(0)	(0)	(0)	(0)

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Nose	(10)	(0)	(0)	(0)	(0)
Foreign Body					
Inflammation, Chronic					
Olfactory Epithelium, Accumulation, Hyaline Droplet					
Olfactory Epithelium, Metaplasia, Respiratory					
SPECIAL SENSES SYSTEM					
Harderian Gland	(10)	(0)	(0)	(0)	(0)
Inflammation, Chronic					
URINARY SYSTEM					
None					

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Lab: SRI

B6C3F1 MICE FEMALE

250 MG/KG

Disposition Summary

Animals Initially in Study	10
Early Deaths	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10

ALIMENTARY SYSTEM

Esophagus	(10)
Inflammation, Chronic	5 [1.0]
Gallbladder	(10)
Hemorrhage	1 [2.0]
Inflammation, Chronic	1 [1.0]
Liver	(10)
Eosinophilic Focus	
Pancreas	(10)
Atrophy	1 [1.0]
Salivary Glands	(10)
Hyperplasia, Lymphoid	2 [1.0]

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

Adrenal Cortex	(10)
Capsule, Hyperplasia	10 [2.1]
Pituitary Gland	(10)
Pars Distalis, Cyst	1
Thyroid Gland	(10)
Follicle, Cyst	

GENERAL BODY SYSTEM

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B6C3F1 MICE FEMALE

250 MG/KG

None

GENITAL SYSTEM

Uterus (10)
Decidual Reaction

HEMATOPOIETIC SYSTEM

Lymph Node, Mandibular (10)
Hyperplasia, Histiocytic 4 [1.8]
Infiltration Cellular, Lipocyte 3 [1.3]
Lymph Node, Mesenteric (10)
Necrosis, Lymphoid
Spleen (10)
Hematopoietic Cell Proliferation
Pigmentation 1 [1.0]
Thymus (10)
Atrophy

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

Brain (10)
Developmental Malformation 1

RESPIRATORY SYSTEM

Lung (10)
Metaplasia, Osseous 1 [1.0]

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250 MG/KG

Nose	(10)
Foreign Body	1
Inflammation, Chronic	1 [2.0]
Olfactory Epithelium, Accumulation, Hyaline Droplet	1 [2.0]
Olfactory Epithelium, Metaplasia, Respiratory	1 [2.0]

SPECIAL SENSES SYSTEM

Harderian Gland	(10)
Inflammation, Chronic	1 [1.0]

URINARY SYSTEM

None

*** END OF REPORT ***