

Experiment Number: 56111-02
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/20/2014
Time Report Requested: 09:25:37
First Dose M/F: NA / NA
Lab: BAT

C Number:	C56111B
Lock Date:	01/02/1996
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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B6C3F1 Mouse MALE	UNTREATD L CONTRO	VEHICLE CONTROL	1.25%	2.5%	5.0%	10.0%
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Natural Death		1	1		5	9
Survivors						
Terminal Sacrifice	10	9	9	10	5	1
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(10)	(1)	(10)	(10)	(10)
Gallbladder	(10)	(10)	(0)	(10)	(7)	(6)
Intestine Large, Cecum	(10)	(9)	(0)	(10)	(8)	(4)
Intestine Large, Colon	(10)	(10)	(0)	(10)	(10)	(10)
Intestine Large, Rectum	(10)	(9)	(0)	(10)	(9)	(7)
Intestine Small, Duodenum	(10)	(10)	(0)	(10)	(8)	(3)
Intestine Small, Ileum	(10)	(9)	(0)	(10)	(8)	(7)
Intestine Small, Jejunum	(10)	(9)	(0)	(10)	(6)	(2)
Liver	(10)	(10)	(1)	(10)	(10)	(10)
Degeneration	1 [1.0]					
Inflammation, Chronic Active	1 [1.0]	1 [1.0]		1 [1.0]		
Necrosis	1 [2.0]	1 [1.0]				
Pancreas	(10)	(10)	(0)	(10)	(10)	(10)
Salivary Glands	(10)	(10)	(1)	(10)	(10)	(10)
Stomach, Forestomach	(10)	(10)	(10)	(10)	(10)	(10)
Epithelium, Hyperplasia					1 [1.0]	
Hyperkeratosis					1 [2.0]	
Stomach, Glandular	(10)	(10)	(1)	(10)	(10)	(10)
CARDIOVASCULAR SYSTEM						

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 Mouse MALE	UNTREATD L CONTRO	VEHICLE CONTROL	1.25%	2.5%	5.0%	10.0%
Blood Vessel	(10)	(10)	(1)	(10)	(10)	(10)
Heart	(10)	(10)	(1)	(10)	(10)	(10)
Inflammation, Chronic Active	1 [1.0]					
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(10)	(1)	(10)	(10)	(10)
Accessory Adrenal Cortical Nodule				1 [1.0]		
Adrenal Medulla	(10)	(10)	(1)	(10)	(10)	(10)
Islets, Pancreatic	(10)	(10)	(0)	(10)	(10)	(10)
Parathyroid Gland	(10)	(9)	(1)	(6)	(6)	(7)
Pituitary Gland	(10)	(10)	(1)	(10)	(10)	(8)
Thyroid Gland	(10)	(10)	(1)	(10)	(10)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(10)	(1)	(10)	(10)	(10)
Preputial Gland	(10)	(10)	(1)	(10)	(10)	(10)
Prostate	(10)	(10)	(1)	(10)	(10)	(10)
Seminal Vesicle	(10)	(10)	(1)	(10)	(10)	(10)
Testes	(10)	(10)	(1)	(10)	(10)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(10)	(1)	(10)	(10)	(10)
Lymph Node, Mandibular	(10)	(10)	(1)	(9)	(9)	(7)
Lymph Node, Mesenteric	(10)	(9)	(1)	(10)	(8)	(5)
Spleen	(10)	(10)	(1)	(10)	(10)	(10)
Thymus	(10)	(10)	(1)	(10)	(9)	(8)
INTEGUMENTARY SYSTEM						

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B6C3F1 Mouse MALE	UNTREATD L CONTRO	VEHICLE CONTROL	1.25%	2.5%	5.0%	10.0%
Skin	(10)	(10)	(1)	(10)	(10)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(10)	(1)	(10)	(10)	(10)
NERVOUS SYSTEM						
Brain	(10)	(10)	(1)	(10)	(10)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(10)	(1)	(10)	(10)	(10)
Nose	(10)	(10)	(1)	(10)	(10)	(10)
Trachea	(10)	(10)	(1)	(10)	(10)	(10)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(10)	(1)	(10)	(10)	(10)
Vacuolization Cytoplasmic	1 [1.0]	1 [1.0]				
Urinary Bladder	(10)	(10)	(1)	(10)	(9)	(7)

END OF MALE DATA

a - Number of animals examined microscopically at site and number of animals with lesion
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B6C3F1 Mouse FEMALE	UNTREATD L CONTRO	VEHICLE CONTROL	1.25%	2.5%	5.0%	10.0%
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(10)	(0)	(0)	(0)	(10)
Gallbladder	(10)	(10)	(0)	(0)	(0)	(10)
Intestine Large, Cecum	(10)	(10)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(10)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(10)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(10)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(10)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(10)	(0)	(0)	(0)	(10)
Liver	(10)	(10)	(1)	(0)	(0)	(10)
Inflammation, Chronic Active	9 [1.0]	7 [1.0]				5 [1.0]
Necrosis	1 [1.0]	1 [1.0]				
Pancreas	(10)	(10)	(0)	(0)	(0)	(10)
Salivary Glands	(10)	(10)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(10)	(10)	(10)	(10)	(10)
Epithelium, Hyperplasia				1 [1.0]		4 [1.3]
Hyperkeratosis				1 [1.0]		4 [1.3]
Stomach, Glandular	(10)	(10)	(0)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM						
Blood Vessel	(10)	(10)	(0)	(0)	(0)	(10)
Heart	(10)	(10)	(0)	(0)	(0)	(10)

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B6C3F1 Mouse FEMALE	UNTREATD L CONTRO	VEHICLE CONTROL	1.25%	2.5%	5.0%	10.0%
Inflammation, Chronic Active	1 [1.0]					
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(10)	(0)	(0)	(0)	(10)
Accessory Adrenal Cortical Nodule		1 [1.0]				
Adrenal Medulla	(10)	(10)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(10)	(0)	(0)	(0)	(10)
Parathyroid Gland	(9)	(7)	(0)	(0)	(0)	(9)
Pituitary Gland	(10)	(9)	(0)	(0)	(0)	(10)
Thyroid Gland	(10)	(10)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM						
Tissue NOS	(0)	(0)	(0)	(0)	(0)	(1)
GENITAL SYSTEM						
Clitoral Gland	(10)	(10)	(0)	(0)	(0)	(10)
Ovary	(10)	(10)	(0)	(0)	(0)	(10)
Uterus	(10)	(10)	(0)	(0)	(0)	(10)
Hydrometra	1 [2.0]					
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(10)	(0)	(0)	(0)	(10)
Lymph Node, Mandibular	(10)	(10)	(0)	(0)	(0)	(10)
Lymph Node, Mesenteric	(10)	(10)	(0)	(0)	(0)	(10)
Spleen	(10)	(10)	(0)	(0)	(0)	(10)
Thymus	(10)	(10)	(0)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM						
Mammary Gland	(9)	(10)	(0)	(0)	(0)	(9)
Skin	(10)	(10)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						

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Bone	(10)	(10)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(10)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(10)	(0)	(0)	(0)	(10)
Nose	(10)	(10)	(0)	(2)	(10)	(10)
Olfactory Epi, Degeneration				2 [1.0]	10 [1.0]	10 [2.0]
Trachea	(10)	(10)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(10)	(0)	(0)	(0)	(10)
Urinary Bladder	(10)	(10)	(0)	(0)	(0)	(10)

**** END OF REPORT ****

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