

Experiment Number: 05218-04
Test Type: 90-DAY
Species/Strain: Mouse/B6C3F1

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

Test Compound: Ferrocene
CAS Number: 102-54-5

Date Report Requested: 10/16/2014
Time Report Requested: 17:36:20
First Dose M/F: NA / NA
Lab: LITRI

C Number:	C62066
Lock Date:	Not Entered.
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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Lab: LITRI

B6C3F1 Mouse MALE	0.0MG/M3MALE	3.0MG/M3MALE	10.MG/M3MALE	30.MG/M3MALE
Disposition Summary				
Animals Initially In Study	10	10	10	10
Early Deaths				
Survivors				
Terminal Sacrifice	10	10	10	10
Animals Examined Microscopically	10	10	10	10
ALIMENTARY SYSTEM				
Esophagus	(10)	(0)	(0)	(10)
Gallbladder	(10)	(0)	(0)	(10)
Inflammation	1 [1.0]			
Intestine Large, Cecum	(10)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(10)
Intestine Large, Rectum	(8)	(0)	(0)	(8)
Inflammation				1 [2.0]
Intestine Small, Duodenum	(10)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)
Liver	(10)	(10)	(10)	(10)
Inflammation		2 [1.0]	3 [1.0]	9 [1.0]
Pigmentation			5 [1.0]	10 [2.0]
Pancreas	(10)	(0)	(0)	(10)
Inflammation	1 [1.0]			
Salivary Glands	(10)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(10)
Inflammation	1 [1.0]			
CARDIOVASCULAR SYSTEM				
Heart	(10)	(0)	(0)	(10)

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	0.0MG/M3MALE	3.0MG/M3MALE	10.MG/M3MALE	30.MG/M3MALE
Artery, Inflammation				1 [2.0]
ENDOCRINE SYSTEM				
Adrenal Gland	(5)	(0)	(0)	(3)
Capsule, Hyperplasia	5 [1.2]			3 [1.0]
Adrenal Gland, Cortex	(10)	(0)	(0)	(10)
Adrenal Gland, Medulla	(10)	(0)	(0)	(10)
Hyperplasia	1 [1.0]			1 [2.0]
Islets, Pancreatic	(10)	(0)	(0)	(10)
Parathyroid Gland	(6)	(0)	(0)	(8)
Pituitary Gland	(10)	(0)	(0)	(9)
Thyroid Gland	(10)	(0)	(0)	(10)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Epididymis	(10)	(0)	(0)	(10)
Preputial Gland	(10)	(0)	(0)	(10)
Prostate	(9)	(0)	(0)	(8)
Seminal Vesicle	(10)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM				
Bone Marrow	(10)	(0)	(0)	(10)
Lymph Node	(8)	(0)	(0)	(9)
Lymph Node, Mandibular	(8)	(0)	(6)	(10)
Hyperplasia	1 [2.0]		3 [1.7]	4 [1.0]
Lymph Node, Mesenteric	(9)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(10)

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

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B6C3F1 Mouse MALE	0.0MG/M3MALE	3.0MG/M3MALE	10.MG/M3MALE	30.MG/M3MALE
INTEGUMENTARY SYSTEM				
Mammary Gland	(10)	(0)	(0)	(10)
Skin	(10)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM				
Bone	(9)	(0)	(0)	(8)
Skeletal Muscle	(10)	(0)	(0)	(10)
NERVOUS SYSTEM				
Brain	(10)	(0)	(0)	(10)
RESPIRATORY SYSTEM				
Larynx	(7)	(8)	(6)	(4)
Inflammation		1 [1.0]		
Pigmentation		8 [2.0]	6 [2.0]	4 [2.0]
Lung	(10)	(10)	(10)	(10)
Alveolus, Pigmentation		9 [1.0]	10 [1.0]	9 [1.0]
Bronchiole, Inflammation	1 [1.0]			
Bronchiole, Pigmentation		10 [2.0]	10 [2.0]	10 [2.0]
Nose	(10)	(10)	(10)	(10)
Nasopharyn Dct, Pigmentation		10 [1.0]	10 [1.4]	10 [1.9]
Olfactory Epi, Hyperplasia		10 [1.0]	10 [2.0]	10 [3.2]
Olfactory Epi, Inflammation		10 [1.1]	10 [2.3]	10 [3.5]
Olfactory Epi, Pigmentation		10 [1.1]	10 [2.0]	10 [3.0]
Respirat Epith, Hyperplasia		10 [1.2]	10 [1.5]	10 [2.0]
Respirat Epith, Inflammation		10 [1.0]	10 [1.0]	10 [1.8]
Respirat Epith, Pigmentation		10 [1.3]	10 [2.0]	10 [2.0]
Vomeronas Org, Inflammation				1 [1.0]
Vomeronas Org, Pigmentation			8 [1.3]	8 [1.5]
Trachea	(10)	(10)	(10)	(10)

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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First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse MALE	0.0MG/M3MALE	3.0MG/M3MALE	10.MG/M3MALE	30.MG/M3MALE
Hyperplasia				1 [2.0]
Inflammation		2 [1.0]	3 [1.0]	3 [1.3]
Metaplasia		1 [1.0]	2 [1.5]	5 [1.8]
Pigmentation		10 [2.1]	10 [2.9]	10 [3.0]
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(10)	(10)	(10)	(10)
Pigmentation			10 [1.0]	10 [2.0]
Urinary Bladder	(10)	(0)	(0)	(10)

END OF MALE DATA

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

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Disposition Summary				
Animals Initially In Study	10	10	10	10
Early Deaths				
Survivors				
Terminal Sacrifice	10	10	10	10
Animals Examined Microscopically	10	10	10	10
ALIMENTARY SYSTEM				
Esophagus	(10)	(0)	(0)	(10)
Gallbladder	(10)	(0)	(0)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(10)
Intestine Large, Rectum	(9)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)
Liver	(10)	(10)	(10)	(10)
Inflammation	3 [1.0]	5 [1.0]	7 [1.0]	10 [1.0]
Pigmentation		1 [1.0]	5 [1.0]	10 [2.0]
Pancreas	(10)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(10)
Inflammation				1 [1.0]
Stomach, Glandular	(10)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM				
Heart	(10)	(0)	(0)	(10)
ENDOCRINE SYSTEM				
Adrenal Gland	(10)	(0)	(0)	(10)

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Capsule, Hyperplasia	10 [1.3]			10 [1.1]
Adrenal Gland, Cortex	(10)	(0)	(0)	(10)
Adrenal Gland, Medulla	(10)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(10)
Parathyroid Gland	(8)	(0)	(0)	(6)
Pituitary Gland	(10)	(0)	(0)	(9)
Thyroid Gland	(10)	(0)	(0)	(10)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Clitoral Gland	(9)	(0)	(0)	(3)
Ovary	(10)	(0)	(0)	(10)
Uterus	(10)	(0)	(0)	(10)
Vagina	(10)	(0)	(0)	(10)

HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(0)	(0)	(10)
Lymph Node	(8)	(0)	(0)	(10)
Lymph Node, Mandibular	(9)	(6)	(6)	(9)
Hyperplasia	4 [1.5]	5 [1.4]	4 [1.5]	2 [1.5]
Inflammation	1 [1.0]			
Lymph Node, Mesenteric	(10)	(0)	(0)	(9)
Spleen	(10)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(10)

INTEGUMENTARY SYSTEM

Mammary Gland	(10)	(0)	(0)	(10)
Skin	(10)	(0)	(0)	(10)

MUSCULOSKELETAL SYSTEM

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B6C3F1 Mouse FEMALE	0.0MG/M3FEMALE	3.0MG/M3FEMALE	10.MG/M3FEMALE	30.MG/M3FEMALE
Bone	(8)	(0)	(0)	(10)
Skeletal Muscle	(10)	(0)	(0)	(10)
NERVOUS SYSTEM				
Brain	(10)	(0)	(0)	(10)
RESPIRATORY SYSTEM				
Larynx	(7)	(8)	(9)	(4)
Inflammation				1 [1.0]
Pigmentation		8 [1.9]	9 [1.9]	4 [2.0]
Lung	(10)	(10)	(10)	(10)
Alveolus, Pigmentation		5 [1.0]	10 [1.0]	9 [1.0]
Bronchiole, Inflammation			1 [1.0]	
Bronchiole, Pigmentation		10 [2.0]	10 [2.0]	10 [2.0]
Inflammation		1 [1.0]		1 [2.0]
Nose	(10)	(10)	(10)	(10)
Nasolacrim Dct, Inflammation	1 [2.0]			
Nasopharyn Dct, Pigmentation		10 [1.1]	10 [1.7]	10 [1.6]
Olfactory Epi, Hyperplasia		10 [1.0]	10 [2.0]	10 [3.4]
Olfactory Epi, Inflammation		10 [1.1]	10 [2.2]	10 [3.4]
Olfactory Epi, Pigmentation		10 [1.0]	10 [2.0]	10 [3.0]
Respirat Epith, Hyperplasia		10 [1.1]	10 [1.2]	10 [2.0]
Respirat Epith, Inflammation		10 [1.0]	10 [1.2]	10 [2.0]
Respirat Epith, Pigmentation		10 [1.2]	10 [2.0]	10 [2.0]
Vomeronas Org, Inflammation	1 [2.0]		2 [1.5]	2 [1.5]
Vomeronas Org, Pigmentation			9 [1.6]	8 [1.8]
Trachea	(10)	(10)	(10)	(10)
Hyperplasia			1 [1.0]	
Inflammation	1 [1.0]	3 [1.7]	3 [1.0]	5 [1.0]
Metaplasia		5 [1.4]	4 [1.5]	2 [1.5]

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

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Pigmentation		10 [2.1]	10 [2.6]	10 [3.0]
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(10)	(10)	(10)	(10)
Pigmentation			10 [1.0]	10 [2.0]
Urinary Bladder	(10)	(0)	(0)	(10)

**** END OF REPORT ****

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)