

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Ferrocene
CAS Number: 102-54-5

Date Report Requested: 10/16/2014
Time Report Requested: 17:38:30
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

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:30

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Male
0.0MG/M3MALE

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	4	3	3	3	3	3	4	4	4
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	7
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Inflammation								1			1 1.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	M	I	8
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Inflammation								1			1 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
Inflammation									1		1 1.0

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	----

Endocrine System

Adrenal Gland	+	+				+		+	+		5
---------------	---	---	--	--	--	---	--	---	---	--	---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:30

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Male 0.0MG/M3MALE	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	9	9	9	9	9	9	9	9	9	9	*TOTALS	
	3	4	3	3	3	3	3	4	4	4		
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	2		
	6	6	6	6	6	6	6	6	6	7		
	1	2	3	4	5	6	7	8	9	0		
Capsule, Hyperplasia	1	1				1		1	2		5	1.2
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	10	
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	10	
Hyperplasia										1	1	1.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland	+	+	+	M	+	+	M	+	M	I	6	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10	
General Body System												
NONE												
Genital System												
Epididymis	+	+	+	+	+	+	+	+	+	+	10	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10	
Prostate	+	+	+	+	+	+	+	M	+	+	9	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10	
Testes	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic System												
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node	+	+	M	I	+	+	+	+	+	+	2	
Lymph Node, Mandibular	M	+	+	+	+	M	+	+	+	+	8	
Hyperplasia										2	1	2.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:30

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Male 0.0MG/M3MALE	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	6	7	
	1	2	3	4	5	6	7	8	9	0	
Lymph Node, Mesenteric	+	+	+	+		+	+	+	+	+	9
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
Integumentary System											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
Musculoskeletal System											
Bone	+	+	+		+	+	+	+	+	+	9
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	10
Nervous System											
Brain	+	+	+	+	+	+	+	+	+	+	10
Respiratory System											
Larynx	+	+	+			+		+	+	+	7
Lung	+	+	+	+	+	+	+	+	+	+	10
Bronchiole, Inflammation								1			1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10
Special Senses System											
NONE											

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:31

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Male
0.0MG/M3MALE

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9
	3	4	3	3	3	3	3	4	4	4	4
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	7	7
	1	2	3	4	5	6	7	8	9	0	0
	*TOTALS										

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:31

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Male
3.0MG/M3MALE

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	3	4	3	4	4	3	4	3	3	3	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
	8	8	8	8	8	8	8	8	8	9	
	1	2	3	4	5	6	7	8	9	0	*TOTALS

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation					1			1			2 1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:31

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Male 3.0MG/M3MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	4	3	4	4	3	4	3	3	3	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	2		
	8	8	8	8	8	8	8	8	8	9		
	1	2	3	4	5	6	7	8	9	0		

NONE

Respiratory System

Larynx	+	+	I	+	I	+	+	+	+	+	8	
Inflammation							1				1	1.0
Pigmentation	2	2		2		2	2	2	2	2	8	2.0
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolus, Pigmentation	1	1	1		1	1	1	1	1	1	9	1.0
Bronchiole, Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0
Nose	+	+	+	+	+	+	+	+	+	+	10	
Nasopharyn Dct, Pigmentation	1	1	1	1	1	1	1	1	1	1	10	1.0
Olfactory Epi, Hyperplasia	1	1	1	1	1	1	1	1	1	1	10	1.0
Olfactory Epi, Inflammation	1	1	1	2	1	1	1	1	1	1	10	1.1
Olfactory Epi, Pigmentation	1	1	1	2	1	1	1	1	1	1	10	1.1
Respirat Epith, Hyperplasia	1	2	1	1	1	1	1	1	1	2	10	1.2
Respirat Epith, Inflammation	1	1	1	1	1	1	1	1	1	1	10	1.0
Respirat Epith, Pigmentation	1	1	2	2	2	1	1	1	1	1	10	1.3
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Inflammation							1		1		2	1.0
Metaplasia										1	1	1.0
Pigmentation	2	2	2	2	3	2	2	2	2	2	10	2.1

Special Senses System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:31

First Dose M/F: NA / NA

Lab: LITRI

**B6C3F1 Mouse Male
3.0MG/M3MALE**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	3	4	3	4	4	3	4	3	3	3	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
	8	8	8	8	8	8	8	8	8	9	
	1	2	3	4	5	6	7	8	9	0	*TOTALS

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:31

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Male 10.MG/M3MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		3	4	4	3	4	4	4	3	4	4
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3
		0	0	0	0	0	0	0	0	1	1
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation		1					1		1		3 1.0
Pigmentation		1	1		1	1				1	5 1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular	+		+		+	+		+	+		6
Hyperplasia					2	1		2			3 1.7

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:31

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Male 10.MG/M3MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		3	4	4	3	4	4	4	3	4	4
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3
		0	0	0	0	0	0	0	0	0	1
		1	2	3	4	5	6	7	8	9	0

*TOTALS

NONE
Nervous System

NONE
Respiratory System

Larynx	I	I	I	I	+	+	+	+	+	+	6	
Pigmentation					2	2	2	2	2	2	6	2.0
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolus, Pigmentation	1	1	1	1	1	1	1	1	1	1	10	1.0
Bronchiole, Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0
Nose	+	+	+	+	+	+	+	+	+	+	10	
Nasopharyn Dct, Pigmentation	1	1	1	1	1	2	1	2	2	2	10	1.4
Olfactory Epi, Hyperplasia	2	2	2	2	2	2	2	2	2	2	10	2.0
Olfactory Epi, Inflammation	2	2	2	2	2	2	3	2	3	3	10	2.3
Olfactory Epi, Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0
Respirat Epith, Hyperplasia	2	1	2	1	1	2	1	2	2	1	10	1.5
Respirat Epith, Inflammation	1	1	1	1	1	1	1	1	1	1	10	1.0
Respirat Epith, Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0
Vomeronas Org, Pigmentation		2	1	1	1	1		1	1	2	8	1.3
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Inflammation			1		1				1		3	1.0
Metaplasia					1					2	2	1.5
Pigmentation	3	3	3	3	3	3	3	3	3	2	10	2.9

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Ferrocene
 CAS Number: 102-54-5

Date Report Requested: 10/16/2014
 Time Report Requested: 17:38:31
 First Dose M/F: NA / NA
 Lab: LITRI

B6C3F1 Mouse Male
10.MG/M3MALE

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9
	3	4	4	3	4	4	4	3	4	4	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0	
	*TOTALS										

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
Pigmentation	1	1	1	1	1	1	1	1	1	1	10 1.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:31

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Male 30.MG/M3MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		4	3	4	3	3	4	3	3	3	4	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3		
	2	2	2	2	2	2	2	2	2	3		
	1	2	3	4	5	6	7	8	9	0		

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	M	+	+	+	+	I	+	+	+	8
Inflammation				2							1 2.0
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation	1	1	1	1	1	1	1		1	1	9 1.0
Pigmentation	2	2	2	2	2	2	2	2	2	2	10 2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10
Artery, Inflammation								2			1 2.0

Endocrine System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:31

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Male 30.MG/M3MALE	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	
	2	2	2	2	2	2	2	2	2	3	
	1	2	3	4	5	6	7	8	9	0	
Adrenal Gland	+		+							+	3
Capsule, Hyperplasia	1		1							1	3 1.0
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia			2								1 2.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	M	+	+	+	+	+	M	+	+	+	8
Pituitary Gland	+	+	+	+	M	+	+	+	+	+	9
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
General Body System											
NONE											
Genital System											
Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	M	+	+	+	+	+	+	+	M	+	8
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node	+	+	+	+	+	+	+	I	+	+	2
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:31

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Male 30.MG/M3MALE	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3		
	2	2	2	2	2	2	2	2	2	2		
	1	2	2	4	5	6	7	8	9	0		
											*TOTALS	
Hyperplasia		1		1				1		1	4	1.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Thymus	+	+	+	+	+	+	+	+	+	+	10	
Integumentary System												
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10	
Skin	+	+	+	+	+	+	+	+	+	+	10	
Musculoskeletal System												
Bone		+	+	+	+	+		+	+	+	8	
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	10	
Nervous System												
Brain	+	+	+	+	+	+	+	+	+	+	10	
Respiratory System												
Larynx		+		+	+					+	4	
Pigmentation		2		2	2					2	4	2.0
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolus, Pigmentation	1	1	1	1	1	1	1	1		1	9	1.0
Bronchiole, Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0
Nose	+	+	+	+	+	+	+	+	+	+	10	
Nasopharyn Dct, Pigmentation	2	1	2	2	2	2	2	2	2	2	10	1.9
Olfactory Epi, Hyperplasia	3	3	4	3	3	3	3	3	3	4	10	3.2

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:31

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Male
30.MG/M3MALE

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	3	4	3	3	4	3	3	3	4
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3
	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	7	8	9	0

*TOTALS

Olfactory Epi, Inflammation	4	3	4	3	4	4	4	3	3	3	10	3.5
Olfactory Epi, Pigmentation	3	3	3	3	3	3	3	3	3	3	10	3.0
Respirat Epith, Hyperplasia	2	2	2	2	2	2	2	2	2	2	10	2.0
Respirat Epith, Inflammation	2	2	1	1	2	2	2	2	2	2	10	1.8
Respirat Epith, Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0
Vomeronas Org, Inflammation				1							1	1.0
Vomeronas Org, Pigmentation	1	1	2	2		1		2	1	2	8	1.5
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Hyperplasia										2	1	2.0
Inflammation						2			1	1	3	1.3
Metaplasia			2		2	1			2	2	5	1.8
Pigmentation	3	3	3	3	3	3	3	3	3	3	10	3.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10	

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:31

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Female 0.0MG/M3FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		4	4	3	4	4	4	3	3	4	3	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	2		
	7	7	7	7	7	7	7	7	7	8		
	1	2	3	4	5	6	7	8	9	0		

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10	
Gallbladder	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Rectum	+	+	I	+	+	+	+	+	+	+	9	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10	
Liver	+	+	+	+	+	+	+	+	+	+	10	
Inflammation				1		1				1	3	1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10	
-------	---	---	---	---	---	---	---	---	---	---	----	--

Endocrine System

Adrenal Gland	+	+	+	+	+	+	+	+	+	+	10	
Capsule, Hyperplasia	2	2	1	2	1	1	1	1	1	1	10	1.3
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	10	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:31

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Female 0.0MG/M3FEMALE	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	4	4	3	4	4	4	3	3	4	3	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
	7	7	7	7	7	7	7	7	7	8	
	1	2	3	4	5	6	7	8	9	0	
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	M	+	+	M	+	+	+	8
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
General Body System											
NONE											
Genital System											
Clitoral Gland	+	+	+	+	+	+	M	+	+	+	9
Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
Vagina	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node	+	I	+	+	+	+	M	+	+	+	2
Lymph Node, Mandibular	+	+	+	M	+	+	+	+	+	+	9
Hyperplasia	2				1	1	2				4 1.5
Inflammation									1		1 1.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:31

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Female 0.0MG/M3FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		4	4	3	4	4	4	3	3	4	3	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	2		
	7	7	7	7	7	7	7	7	7	8		
	1	2	3	4	5	6	7	8	9	0		

Integumentary System

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10

Musculoskeletal System

Bone	+	+	+	+	+		+		+	+	8
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	10

Nervous System

Brain	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	----

Respiratory System

Larynx	+				+	+	+	+	+	+	7
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Nasolacrim Dct, Inflammation				2							1 2.0
Vomeronas Org, Inflammation				2							1 2.0
Trachea	+	+	+	+	+	+	+	+	+	+	10
Inflammation				1							1 1.0

Special Senses System

NONE

Urinary System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:32

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Female 0.0MG/M3FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		4	4	3	4	4	4	3	3	4	3	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	
		7	7	7	7	7	7	7	7	7	8	
		1	2	3	4	5	6	7	8	9	0	
Kidney		+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	10

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:32

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Female 3.0MG/M3FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		4	3	3	4	4	3	4	4	4	3	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	3		
	9	9	9	9	9	9	9	9	9	0		
	1	2	3	4	5	6	7	8	9	0		

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation	1	1				1	1		1		5 1.0
Pigmentation	1										1 1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular	+	+	+			+			+	+	6
Hyperplasia	1	2				2			1	1	5 1.4

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:32

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Female 3.0MG/M3FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		4	3	3	4	4	3	4	4	4	3	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	3		
	9	9	9	9	9	9	9	9	9	0		
	1	2	3	4	5	6	7	8	9	0		
											*TOTALS	

NONE
Nervous System

NONE
Respiratory System

Larynx	+	I	I	+	+	+	+	+	+	+	8	
Pigmentation	2			2	2	2	1	2	2	2	8	1.9
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolus, Pigmentation	1					1		1	1	1	5	1.0
Bronchiole, Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0
Inflammation				1							1	1.0
Nose	+	+	+	+	+	+	+	+	+	+	10	
Nasopharyn Dct, Pigmentation	1	2	1	1	1	1	1	1	1	1	10	1.1
Olfactory Epi, Hyperplasia	1	1	1	1	1	1	1	1	1	1	10	1.0
Olfactory Epi, Inflammation	1	1	1	1	1	2	1	1	1	1	10	1.1
Olfactory Epi, Pigmentation	1	1	1	1	1	1	1	1	1	1	10	1.0
Respirat Epith, Hyperplasia	1	1	1	1	1	1	1	2	1	1	10	1.1
Respirat Epith, Inflammation	1	1	1	1	1	1	1	1	1	1	10	1.0
Respirat Epith, Pigmentation	2	2	1	1	1	1	1	1	1	1	10	1.2
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Inflammation						1	2		2		3	1.7
Metaplasia	1			2	2		1			1	5	1.4
Pigmentation	2	2	2	2	3	2	2	2	2	2	10	2.1

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:32

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Female 3.0MG/M3FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		4	3	3	4	4	3	4	4	4	3	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	3		
	9	9	9	9	9	9	9	9	9	0		
	1	2	3	4	5	6	7	8	9	0		

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	---	----

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:32

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Female 10.MG/M3FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	4	4	3	4	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3		
	1	1	1	1	1	1	1	1	1	2		
	1	2	3	4	5	6	7	8	9	0		

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation	1	1	1	1		1	1		1		7 1.0
Pigmentation	1	1		1		1	1				5 1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular	+		+		+	+	+				6
Hyperplasia			2			1	1	2			4 1.5

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:32

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Female 10.MG/M3FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	3	3	3	3	3	4	4	3	4	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	3	
		1	1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	0	

NONE

Nervous System

NONE

Respiratory System

Larynx	+	+	+	+	+	+	I	+	+	+	9	
Pigmentation	2	2	2	2	2	2		2	2	1	9	1.9
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolus, Pigmentation	1	1	1	1	1	1	1	1	1	1	10	1.0
Bronchiole, Inflammation							1				1	1.0
Bronchiole, Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0
Nose	+	+	+	+	+	+	+	+	+	+	10	
Nasopharyn Dct, Pigmentation	1	2	1	2	2	2	2	1	2	2	10	1.7
Olfactory Epi, Hyperplasia	2	2	2	2	2	2	2	2	2	2	10	2.0
Olfactory Epi, Inflammation	2	2	2	2	2	2	2	3	3	2	10	2.2
Olfactory Epi, Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0
Respirat Epith, Hyperplasia	1	1	1	2	1	1	1	1	1	2	10	1.2
Respirat Epith, Inflammation	1	1	1	2	1	1	2	1	1	1	10	1.2
Respirat Epith, Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0
Vomeronas Org, Inflammation					2				1		2	1.5
Vomeronas Org, Pigmentation	1	2	2		2	1	2	1	2	1	9	1.6
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Hyperplasia										1	1	1.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:32

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Female 10.MG/M3FEMALE	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	9	9	9	9	9	9	9	9	9	9		
	3	3	3	3	3	3	4	4	3	4		
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3		
	1	1	1	1	1	1	1	1	1	2		
	1	2	3	4	5	6	7	8	9	0	*TOTALS	
Inflammation					1	1	1				3	1.0
Metaplasia		1	2				1			2	4	1.5
Pigmentation	3	3	3	3	3	3	2	2	2	2	10	2.6
Special Senses System												
NONE												
Urinary System												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Pigmentation	1	1	1	1	1	1	1	1	1	1	10	1.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:32

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Female 30.MG/M3FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		3	4	3	4	3	4	3	4	4	4	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3		
	3	3	3	3	3	3	3	3	3	4		
	1	2	3	4	5	6	7	8	9	0		

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10	
Gallbladder	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10	
Liver	+	+	+	+	+	+	+	+	+	+	10	
Inflammation	1	1	1	1	1	1	1	1	1	1	10	1.0
Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10	
Inflammation					1						1	1.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10	

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10	
-------	---	---	---	---	---	---	---	---	---	---	----	--

Endocrine System

Adrenal Gland	+	+	+	+	+	+	+	+	+	+	10	
---------------	---	---	---	---	---	---	---	---	---	---	----	--

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:32

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Female 30.MG/M3FEMALE	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS	
	3	4	3	4	3	4	3	4	4	4		
Capsule, Hyperplasia	1	1	1	2	1	1	1	1	1	1	10	1.1
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	10	
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	10	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland	M	+	+	+	M	+	M	M	+	+	6	
Pituitary Gland	+	+	+	I	+	+	+	+	+	+	9	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10	
General Body System												
NONE												
Genital System												
Clitoral Gland	M	M	+	M	M	I	+	M	+	M	3	
Ovary	+	+	+	+	+	+	+	+	+	+	10	
Uterus	+	+	+	+	+	+	+	+	+	+	10	
Vagina	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic System												
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node	+	+	+	+	+	+	+	+	+	+	4	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	M	+	9	
Hyperplasia	2						1				2	1.5
Lymph Node, Mesenteric	+	+	+	M	+	+	+	+	+	+	9	
Spleen	+	+	+	+	+	+	+	+	+	+	10	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:32

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Female 30.MG/M3FEMALE	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	3	4	3	4	3	4	3	4	4	4	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	
	3	3	3	3	3	3	3	3	3	4	
	1	2	3	4	5	6	7	8	9	0	
Thymus	+	+	+	+	+	+	+	+	+	+	10
Integumentary System											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
Musculoskeletal System											
Bone	+	+	+	+	+	+	+	+	+	+	10
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	10
Nervous System											
Brain	+	+	+	+	+	+	+	+	+	+	10
Respiratory System											
Larynx	I	I	+	I	I	+	I	I	+	+	4
Inflammation							1				1 1.0
Pigmentation			2			2		2	2		4 2.0
Lung	+	+	+	+	+	+	+	+	+	+	10
Alveolus, Pigmentation		1	1	1	1	1	1	1	1	1	9 1.0
Bronchiole, Pigmentation	2	2	2	2	2	2	2	2	2	2	10 2.0
Inflammation							2				1 2.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Nasopharyn Dct, Pigmentation	2	2	2	2	1	1	1	1	2	2	10 1.6
Olfactory Epi, Hyperplasia	3	4	4	3	3	3	3	4	3	4	10 3.4
Olfactory Epi, Inflammation	4	4	3	4	3	4	3	3	3	3	10 3.4

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05218-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ferrocene

CAS Number: 102-54-5

Date Report Requested: 10/16/2014

Time Report Requested: 17:38:32

First Dose M/F: NA / NA

Lab: LITRI

B6C3F1 Mouse Female 30.MG/M3FEMALE	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS	
	3	4	3	4	3	4	3	4	4	4		
Olfactory Epi, Pigmentation	3	3	3	3	3	3	3	3	3	3	10	3.0
Respirat Epith, Hyperplasia	2	2	2	2	2	2	2	2	2	2	10	2.0
Respirat Epith, Inflammation	2	2	2	2	2	2	2	2	2	2	10	2.0
Respirat Epith, Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0
Vomeronas Org, Inflammation		2					1				2	1.5
Vomeronas Org, Pigmentation	1	2	2	2			2	1	2	2	8	1.8
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Inflammation	1	1			1			1	1		5	1.0
Metaplasia				1		2					2	1.5
Pigmentation	3	3	3	3	3	3	3	3	3	3	10	3.0
Special Senses System												
NONE												
Urinary System												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Pigmentation	2	2	2	2	2	2	2	2	2	2	10	2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10	

** END OF REPORT **

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked