P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal CAS Number: 142-83-6 Date Report Requested: 10/17/2014 Time Report Requested: 17:08:41 First Dose M/F: NA / NA Lab: MBA

C Number:	C93023
Lock Date:	03/01/1996
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal

CAS Number: 142-83-6

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:41 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Male 0.0 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	ANIMAL ID	0 0 0 1	0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 5	*TOTALS
Alimentary System							1017(20
Liver Stomach, Forestomach Cardiovascular System		+ +	+ +	+ +	+ +	+ +	5 5
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

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Male 0.0 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
0.0 MG/KG	ANIMAL ID	0 0 0 1	0 0 0 2	0 0 0 0 3	0 0 0 4	0 0 0 5	*TOTALS

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney

+ + + + +

* ... 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

5

1-4 ..Lesion qualified as:1) Minimal 3) Moderate2) Mild 4) Marked

Page 3

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:41 First Dose M/F: NA / NA Lab: MBA

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal

Experiment Number: 93023-02	
Test Type: 14-DAY	
Route: GAVAGE	
Species/Strain: Mouse/B6C3F1	

Test Compound: 2,4-Hexadienal CAS Number: 142-83-6 Date Report Requested: 10/17/2014 Time Report Requested: 17:08:41 First Dose M/F: NA / NA Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male 3.0 MG/KG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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

+ $\hfill ... Tissue examined microscopically$

X ..Lesion present

I .. Insufficient tissue

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

Experiment Number: 93023-02					
Test Type: 14-DAY					
Route: GAVAGE					
Species/Strain: Mouse/B6C3F1					

Test Compound: 2,4-Hexadienal CAS Number: 142-83-6 Date Report Requested: 10/17/2014 Time Report Requested: 17:08:41 First Dose M/F: NA / NA Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male 3.0 MG/KG

ANIMAL ID

***TOTALS**

Respiratory System

NONE

Special Senses System

NONE

Urinary 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

Experiment Number: 93023-02 Test Type: 14-DAY Route: GAVAGE Species/Strain: Mouse/B6C3F1	2
B6C3F1 Mouse Male 9.0 MG/KG	DAY ON TEST
3.0 MG/NG	ANIMAL ID
Alimentary System	
NONE	
Cardiovascular System	
NONE	

Endocrine System

NONE

General Body System

NONE

Genital System

NONE Hematopoietic System

NONE Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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

***TOTALS**

+ .. 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) Moderate2) Mild 4) Marked

Page 6

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:41 First Dose M/F: NA / NA Lab: MBA

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal CAS Number: 142-83-6

Experiment Number: 93023-02					
Test Type: 14-DAY					
Route: GAVAGE					
Species/Strain: Mouse/B6C3F1					

Test Compound: 2,4-Hexadienal CAS Number: 142-83-6 Date Report Requested: 10/17/2014 Time Report Requested: 17:08:41 First Dose M/F: NA / NA Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male 9.0 MG/KG

ANIMAL ID

***TOTALS**

Respiratory System

NONE

Special Senses System

NONE

Urinary 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

Experiment Number: 93023-02 Test Type: 14-DAY Route: GAVAGE

Species/Strain: Mouse/B6C3F1

X .. Lesion present

I .. Insufficient tissue

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal

CAS Number: 142-83-6

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:41 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Male	DAY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	
27.0 MG/KG	ANIMAL ID	7 0 0 0 1 6	7 0 0 1 7	7 0 0 0 1 8	7 0 0 0 1 9	7 0 0 2 0	*TOTALS
Alimentary System		-					
Stomach, Forestomach Cardiovascular System		+	+	+	+	+	5
NONE Endocrine System							
NONE General Body System							
NONE Genital System							
NONE Hematopoietic System							
NONE Integumentary System							
NONE Musculoskeletal System							
NONE Nervous System							
NONE							
*Total animals with tissue exami		Total	anim	ials w	vith le	sion a	
+ Tissue examined microscopical	iy						M Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate2) Mild 4) Marked

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal

CAS Number: 142-83-6

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:41 First Dose M/F: NA / NA Lab: MBA

	DAY ON TEST	0	0	0	0	0	
B6C3F1 Mouse Male 27.0 MG/KG		0 1 7	0 1 7	0 1 7	0 1 7	0 1 7	
	ANIMAL ID	0	0	0	0	0	
		0 1 6	0 1 7	0 1 8	0 1 9	0 2 0	*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary 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

Experiment Number: 93023-02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

Test Compound: 2,4-Hexadienal

CAS Number: 142-83-6

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:41 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Male 80.0 MG/KG	DAY ON TEST ANIMAL ID	0 0 1 7 0 0 0 2 1	<i>0</i> <i>0</i> <i>1</i> <i>7</i> 0 0 0 2 2	<i>0</i> <i>0</i> <i>1</i> <i>7</i> 0 0 0 2 3	<i>0</i> <i>0</i> <i>1</i> <i>7</i> 0 0 0 2 4	<i>0</i> <i>0</i> <i>1</i> <i>7</i> 0 0 0 2 5	*T(ΟΤΑ	LS
Alimentary System									
Liver		+	+	+	+	+	5		
Stomach, Forestomach		+	+	+	+	+	5		
Epithelium, Hyperplasia, Di	ffuse	1	2		1			5	1.2
Hyperkeratosis, Diffuse Cardiovascular System		1	2	1	1	1		5	1.2
NONE Endocrine System									
NONE General Body System									
NONE Genital System									
NONE Hematopoietic System									
NONE 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

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: 0.4 Have dised

-

1

Test Compound: 2,4-Hexadienal CAS Number: 142-83-6 Date Report Requested: 10/17/2014 Time Report Requested: 17:08:41 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Male 80.0 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	ANIMAL ID	0 0 2 1	0 0 0 2 2	0 0 2 3	0 0 0 2 4	0 0 2 5	*TOTALS
NONE Nervous System							
NONE Respiratory System							
NONE Special Senses System							
NONE Urinary System							
Kidney		+	+	+	+	+	5

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

+ .. Tissue examined microscopically

Renal Tubule, Degeneration, Focal

X ..Lesion present

I .. Insufficient tissue

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

1 1.0

Test Compound: 2,4-Hexadienal

CAS Number: 142-83-6

Experiment Number: 93023-02 Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1									
B6C3F1 Mouse Male 240.0 MG/KG	DAY ON TEST	0 0 1 7	0 0 0 7	0 0 1 7	0 0 1 7	0 0 1 7			
	ANIMAL ID	0 0 0 2 6	0 0 2 7	0 0 2 8	0 0 2 9	0 0 3 0	*TC)TA	LS
Alimentary System									
Liver		+	+	+	+	+	5		
Serosa, Necrosis, Focal			2					1	2.0
Stomach, Forestomach		+	+	+	+	+	5		
Epithelium, Hyperplasia, Di		•		3	3			2	3.0
Epithelium, Hyperplasia, Fo	ocal	3	4					1 1	3.0 4.0
Necrosis, Diffuse Ulcer, Chronic Active, Foca	ı	4	4	4	4	4		4	4.0 4.0
Cardiovascular System	1	4		4	4	4		4	4.0
NONE Endocrine System									
NONE General Body System									
NONE Genital System									
NONE Hematopoietic System									
Spleen Inflammation, Chronic Activ	re, Focal	+ 3			+ 3		2	2	3.0

* ..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

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:41 First Dose M/F: NA / NA Lab: MBA

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal

CAS Number: 142-83-6

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:41 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Male 240.0 MG/KG	DAY ON TEST	0 0 1 7	0 0 0 7	0 0 1 7	0 0 1 7	0 0 1 7	
240.0 MG/KG	ANIMAL ID	0 0 0 2 6	0 0 0 2 7	0 0 0 2 8	0 0 0 2 9	0 0 0 3 0	*TOTALS
Integumentary System			•	•		•	

NONE

Musculoskeletal System

NONE

Nervous System

NONE Booningtony Sys

Respiratory System

NONE Special Senses System

NONE

Urinary System

Kidney

+ + + + + 5

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

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal

CAS Number: 142-83-6

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:41 First Dose M/F: NA / NA Lab: MBA

IMAL ID	7 0 0 3 1 + +	7 0 0 3 2 + +	7 0 0 3 3 + +	7 0 0 3 4 + +	7 0 0 0 3 5 + + +	5 5	8
			+		+	5	_

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

Experiment Number: 93023-02 Test Type: 14-DAY Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney

+ + + + +

* ...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

5

1-4 ..Lesion qualified as:1) Minimal 3) Moderate2) Mild 4) Marked

Page 15

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:42 First Dose M/F: NA / NA Lab: MBA

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal

CAS Number: 142-83-6

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:42 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Female 3.0 MG/KG	DAY ON TEST e	0 0 1 7	0 0 1 7	0 0 1 7	0 0 0 4	0 0 1 7	
	ANIMAL ID	0 0 0 3 6	0 0 0 3 7	0 0 0 3 8	0 0 0 3 9	0 0 0 4 0	*TOTALS
Alimentary System							
Esophagus Liver Stomach, Forestomach Cardiovascular System					+ + +		1 1 1
NONE Endocrine System							
NONE General Body System							
NONE Genital System							
NONE Hematopoietic System							
NONE Integumentary System							
NONE Musculoskeletal 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

Experiment Number: 93023-02 Test Type: 14-DAY Route: GAVAGE

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Female	DAY ON TEST	0 1	0 0 1	0 0 1	0 0 0	0 0 1	
3.0 MG/KG	ANIMAL ID	7 0 0 3 6	7 0 0 3 7	7 0 0 3 8	4 0 0 3 9	7 0 0 4 0	*TOTALS
Nervous System							
NONE Respiratory System							
NONE							

Special Senses System

NONE

Urinary System

Kidney	+	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) Moderate2) Mild 4) Marked

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:42 First Dose M/F: NA / NA Lab: MBA

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal

Experiment Number: 93023-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

Test Compound: 2,4-Hexadienal CAS Number: 142-83-6 Date Report Requested: 10/17/2014 Time Report Requested: 17:08:42 First Dose M/F: NA / NA Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female 9.0 MG/KG

ANIMAL ID

***TOTALS**

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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

+ $\hfill ... Tissue examined microscopically$

X ..Lesion present

I .. Insufficient tissue

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

Experiment Number: 93023-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

Test Compound: 2,4-Hexadienal CAS Number: 142-83-6 Date Report Requested: 10/17/2014 Time Report Requested: 17:08:42 First Dose M/F: NA / NA Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female 9.0 MG/KG

ANIMAL ID

***TOTALS**

Respiratory System

NONE

Special Senses System

NONE

Urinary 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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal

CAS Number: 142-83-6

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:42 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Female 27.0 MG/KG	DAY ON TEST Ile	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	ANIMAL ID	0 0 0 4 6	0 0 0 4 7	0 0 0 4 8	0 0 0 4 9	0 0 0 5 0	*TOTALS
Alimentary System							
Stomach, Forestomach Cardiovascular System		М	+	+	+	+	4
NONE Endocrine System							
NONE General Body System							
NONE Genital System							
NONE Hematopoietic System							
NONE Integumentary System							
NONE Musculoskeletal System							
NONE Nervous 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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal CAS Number: 142-83-6 Date Report Requested: 10/17/2014 Time Report Requested: 17:08:42 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Female 27.0 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	ANIMAL ID	0 0 0 4 6	0 0 0 4 7	0 0 0 4 8	0 0 0 4 9	0 0 0 5 0	*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary 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

Experiment Number: 93023-02

Test Type: 14-DAY Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal

CAS Number: 142-83-6

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:42 First Dose M/F: NA / NA Lab: MBA

DAY O	N TEST	0	0	0	0	0			
B6C3F1 Mouse Female		0 1	0 1	0 1	0 1	0 1			
80.0 MG/KG ANI	MAL ID	7 0 0 5	7 0 0 5	7 0 0 5	7 0 0 5	7 0 0 5			
		1	2	3	4	5	*T(DTA	LS
Alimentary System									
Intestine Small, Ileum		+					1		
Liver		+	+	+	+	+	5		
Stomach, Forestomach		+	+	+	+	+	5		
Epithelium, Hyperplasia, Diffuse		2	1	1	1	2		5	1.4
Hyperkeratosis, Diffuse		1	1	2	2	3		5	1.8
Inflammation, Chronic Active, Focal			2			2		2	2.0
Cardiovascular System									
NONE									
Endocrine System									
NONE									
General Body System									
NONE									
Genital System									
Uterus		+					1		
Hydrometra		1						1	1.0
Hematopoietic System									
NONE									
• • • •									

Integumentary 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

Experiment Number: 93023-02 Test Type: 14-DAY Route: GAVAGE

Species/Strain: Mouse/B6C3F1

D B6C3F1 Mouse Female 80.0 MG/KG	DAY ON TEST 9	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	ANIMAL ID	0 0 0 5 1	0 0 5 2	0 0 5 3	0 0 5 4	0 0 0 5 5	*TOTALS

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney

+ + + + 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) Moderate2) Mild 4) Marked

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:42 First Dose M/F: NA / NA Lab: MBA

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal

Experiment Number: 93023-02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal

CAS Number: 142-83-6

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:42 First Dose M/F: NA / NA Lab: MBA

DAY OF B6C3F1 Mouse Female 240.0 MG/KG ANI	N TEST	0 0 1 0 0 0 5	0 0 1 7 0 0 5	0 0 1 7 0 0 0 5	0 0 1 7 0 0 0 5	0 0 1 7 0 0 0 6		•	
Alimentary System		6	7	8	9	0	^ (ΔΤΟ	
Liver Inflammation, Chronic Active, Focal Necrosis, Focal Stomach, Forestomach Epithelium, Hyperplasia, Focal Necrosis, Focal Ulcer, Chronic Active, Focal Cardiovascular System NONE		+ + 3 3	+ 3 4 4	+ 3 4	+ 2 4	+ 3 + 2 4	5	1 1 5 2 4	3.0 3.0 2.6 3.5 4.0
Endocrine System									
NONE General Body System									
NONE Genital System									
Uterus Hematopoietic System				+			1		
Lymph Node Bronchial, Hyperplasia, Lymphoid			+ 2				1	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

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

DAY ON TEST 0 0 0 0 0 0 0 0 0 0 B6C3F1 Mouse Female 1 7 1 7 1 7 1 1

0 7 240.0 MG/KG 0 0 0 0 0 0 0 0 5 7 ANIMAL ID Õ 0 0 0 0 5 6 0 0 5 8 5 9 6 0 ***TOTALS** Renal, Hyperplasia, Lymphoid 2 1 2.0 Spleen 4 + + + + Inflammation, Chronic Active, Focal 3 3 3 3 4 3.0

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney

+ + + + + 5 ** 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

Date Report Requested: 10/17/2014 Time Report Requested: 17:08:42 First Dose M/F: NA / NA Lab: MBA

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: 2,4-Hexadienal