

Experiment Number: 97011-11
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic model evaluation (Ethinyl estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/22/2014
Time Report Requested: 01:51:38
First Dose M/F: NA / NA
Lab: BAT

C Number:	C97011E
Lock Date:	03/30/1999
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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Date Report Requested: 10/22/2014
 Time Report Requested: 01:51:38
 First Dose M/F: NA / NA
 Lab: BAT

FVB/N Mouse Male
0 UG/KG

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

Alimentary System

Liver	+	+	+	+	+	5		
Inflammation, Granulomatous						1	1	1.0
Vacuolization Cytoplasmic						1	1	1.0
Stomach, Forestomach	+	+	+	+	+	5		

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+	+	5		
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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

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Lab: BAT

FVB/N Mouse Male
0 UG/KG

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

NONE
Nervous System

NONE
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

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CAS Number: 57-63-6

Date Report Requested: 10/22/2014

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First Dose M/F: NA / NA

Lab: BAT

**FVB/N Mouse Male
30 UG/KG**

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

Alimentary System

Liver	+	+	+	+	+	5	
Vacuolization Cytoplasmic	1	1	1	1	1	5	1.0
Stomach, Forestomach	+	+	+	+	+	5	

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+	+	5	
Dermis, SOA, Subcut Tiss, Edema	1	1	1	1	1	5	1.0
Dermis, SOA, Subcut Tiss, Infiltration Cellular, Mononuclear Cl	1	1	1	1	1	5	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

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**FVB/N Mouse Male
30 UG/KG**

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

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

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Date Report Requested: 10/22/2014
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 First Dose M/F: NA / NA
 Lab: BAT

FVB/N Mouse Male
60 UG/KG

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

Alimentary System

Liver	+	+	+	+	+	5	
Vacuolization Cytoplasmic	1	1	1	1	1	5	1.0
Stomach, Forestomach	+	+	+	+	+	5	

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+	+	5	
Dermis, SOA, Subcut Tiss, Edema	2	2	2	1	1	5	1.6
Dermis, SOA, Subcut Tiss, Infiltration Cellular, Mononuclear Cl	1	1	1	1	1	5	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

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Time Report Requested: 01:51:38

First Dose M/F: NA / NA

Lab: BAT

**FVB/N Mouse Male
60 UG/KG**

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

Musculoskeletal System

NONE

Nervous System

NONE

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

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M ..Missing tissue

A ..Autolysis precludes evaluation

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 CAS Number: 57-63-6

Date Report Requested: 10/22/2014
 Time Report Requested: 01:51:38
 First Dose M/F: NA / NA
 Lab: BAT

FVB/N Mouse Male
120 UG/KG

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

Alimentary System

Liver	+	+	+	+	+	5	
Inflammation, Granulomatous				1		1	1.0
Necrosis, Focal				1		1	1.0
Vacuolization Cytoplasmic	2	1	1	2	1	5	1.4
Stomach, Forestomach	+	+	+	+	+	5	

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+	+	5	
Dermis, SOA, Subcut Tiss, Edema	1	2	2	1	1	5	1.4

* ..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:

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 Lab: BAT

FVB/N Mouse Male
120 UG/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	9	9	9	9	9	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	1	1	1	1	1	
	6	7	8	9	0	
	*TOTALS					
Dermis, SOA, Subcut Tiss, Infiltration	1	1	1	1	1	5 1.0
Cellular, Mononuclear Cl						

Musculoskeletal System

NONE

Nervous System

NONE

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

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Date Report Requested: 10/22/2014

Time Report Requested: 01:51:38

First Dose M/F: NA / NA

Lab: BAT

**FVB/N Mouse Male
180 UG/KG**

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

Alimentary System

Liver	+	+	+	+	+	5	
Necrosis, Focal					1		1 1.0
Vacuolization Cytoplasmic	2	1	2	2			4 1.8
Stomach, Forestomach	+	+	+	+	+	5	

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+	+	5	
Dermis, SOA, Subcut Tiss, Edema	2	2	2	2	2		5 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

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Time Report Requested: 01:51:38

First Dose M/F: NA / NA

Lab: BAT

FVB/N Mouse Male
180 UG/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	9	9	9	9	9	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	2	2	2	2	2	
	1	2	3	4	5	
	*TOTALS					
Dermis, SOA, Subcut Tiss, Infiltration	1	1	1	1	1	5 1.0
Cellular, Mononuclear Cl						

Musculoskeletal System

NONE

Nervous System

NONE

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

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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Species/Strain: Mouse/FVB/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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CAS Number: 57-63-6

Date Report Requested: 10/22/2014

Time Report Requested: 01:51:38

First Dose M/F: NA / NA

Lab: BAT

FVB/N Mouse Male
360 UG/KG

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

Alimentary System

Liver	+	+	+	+	+	5	
Inflammation, Granulomatous			1				1 1.0
Necrosis, Focal			1	1			2 1.0
Vacuolization Cytoplasmic	2	1	2		2		4 1.8
Stomach, Forestomach	+	+	+	+	+	5	

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+	+	5	
Dermis, SOA, Subcut Tiss, Edema	2	2	2	3	3		5 2.4

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

+ ..Tissue examined microscopically

X ..Lesion present

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First Dose M/F: NA / NA

Lab: BAT

FVB/N Mouse Male
360 UG/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	9	9	9	9	9	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	2	2	2	2	3	
	6	7	8	9	0	
	*TOTALS					
Dermis, SOA, Subcut Tiss, Infiltration	1	1	1	1	1	5 1.0
Cellular, Mononuclear Cl						

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

END OF MALE DATA

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

+ ..Tissue examined microscopically

X ..Lesion present

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First Dose M/F: NA / NA

Lab: BAT

**FVB/N Mouse Female
0 UG/KG**

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

Alimentary System

Liver	+	+	+	+	+	5	
Inflammation, Granulomatous	1				1		2 1.0
Vacuolization Cytoplasmic		1	1				2 1.0
Stomach, Forestomach	+	+	+	+	+	5	

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+	+	5	
Dermis, SOA, Inflammation, Chronic, Focal					1		1 1.0
Epidermis, SOA, 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

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FVB/N Mouse Female
0 UG/KG

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

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

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Time Report Requested: 01:51:39

First Dose M/F: NA / NA

Lab: BAT

**FVB/N Mouse Female
30 UG/KG**

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

Alimentary System

Liver	+	+	+	+	+	5	
Bile Duct, Hyperplasia				1		1	1.0
Inflammation, Granulomatous		1				1	1.0
Vacuolization Cytoplasmic		1	1	1	2	4	1.3
Stomach, Forestomach	+	+	+	+	+	5	

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+	+	5	
Dermis, SOA, Subcut Tiss, Edema	2	2	2	1	1	5	1.6

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

+ ..Tissue examined microscopically

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Lab: BAT

**FVB/N Mouse Female
30 UG/KG**

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	9	9	9	9	9	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	3	3	3	3	4	
	6	7	8	9	0	
	*TOTALS					
Dermis, SOA, Subcut Tiss, Infiltration	1	1	1	1	1	5 1.0
Cellular, Mononuclear Cl						

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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

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1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97011-11
 Test Type: 14-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/FVB/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Ethinyl estradiol)
 CAS Number: 57-63-6

Date Report Requested: 10/22/2014
 Time Report Requested: 01:51:39
 First Dose M/F: NA / NA
 Lab: BAT

**FVB/N Mouse Female
 60 UG/KG**

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

Alimentary System

Liver	+	+	+	+	+	5	
Inflammation, Granulomatous		1					1 1.0
Necrosis, Focal			1				1 1.0
Vacuolization Cytoplasmic		1	2	1	1		4 1.3
Stomach, Forestomach	+	+	+	+	+	5	

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+	+	5	
Dermis, SOA, Subcut Tiss, Edema	2	2	2	2	2		5 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: 97011-11

Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Transgenic model evaluation (Ethinyl estradiol)

CAS Number: 57-63-6

Date Report Requested: 10/22/2014

Time Report Requested: 01:51:39

First Dose M/F: NA / NA

Lab: BAT

**FVB/N Mouse Female
60 UG/KG**

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	9	9	9	9	9	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	4	4	4	4	4	
	1	2	3	4	5	*TOTALS
Dermis, SOA, Subcut Tiss, Infiltration	1	1	1	1	1	5 1.0
Cellular, Mononuclear Cl						

Musculoskeletal System

NONE

Nervous System

NONE

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

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97011-11

Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Transgenic model evaluation (Ethinyl estradiol)

CAS Number: 57-63-6

Date Report Requested: 10/22/2014

Time Report Requested: 01:51:39

First Dose M/F: NA / NA

Lab: BAT

FVB/N Mouse Female 120 UG/KG	DAY ON TEST	0	0	0	0	0
		0	0	0	0	0
		1	1	1	1	1
		9	9	9	9	9
	ANIMAL ID	0	0	0	0	0
	0	0	0	0	0	
	4	4	4	4	4	
	4	4	4	4	5	
	6	7	8	9	0	
					*TOTALS	

Alimentary System

Liver	+	+	+	+	+	5	
Necrosis, Focal			1			1	1.0
Vacuolization Cytoplasmic	1	1	1	1	1	5	1.0
Stomach, Forestomach	+	+	+	+	+	5	

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+	+	5	
Dermis, SOA, Subcut Tiss, Edema	2	2	3	2	2	5	2.2

* ..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: 97011-11
 Test Type: 14-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/FVB/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Ethinyl estradiol)
 CAS Number: 57-63-6

Date Report Requested: 10/22/2014
 Time Report Requested: 01:51:39
 First Dose M/F: NA / NA
 Lab: BAT

FVB/N Mouse Female
120 UG/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	9	9	9	9	9	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	4	4	4	4	5	
	6	7	8	9	0	
	*TOTALS					
Dermis, SOA, Subcut Tiss, Infiltration	1	1	1	1	1	5 1.0
Cellular, Mononuclear Cl						

Musculoskeletal System

NONE

Nervous System

NONE

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

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97011-11
 Test Type: 14-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/FVB/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Ethinyl estradiol)
 CAS Number: 57-63-6

Date Report Requested: 10/22/2014
 Time Report Requested: 01:51:39
 First Dose M/F: NA / NA
 Lab: BAT

FVB/N Mouse Female
180 UG/KG

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

Alimentary System

Liver	+	+	+	+	+	5	
Inflammation, Granulomatous	1	1			1	3	1.0
Necrosis, Focal				1		1	1.0
Vacuolization Cytoplasmic		1	1	1	1	4	1.0
Stomach, Forestomach	+	+	+	+	+	5	

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+	+	5	
Dermis, SOA, Subcut Tiss, Edema	3	3	3	2	2	5	2.6

* ..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: 97011-11

Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Transgenic model evaluation (Ethinyl estradiol)

CAS Number: 57-63-6

Date Report Requested: 10/22/2014

Time Report Requested: 01:51:39

First Dose M/F: NA / NA

Lab: BAT

**FVB/N Mouse Female
180 UG/KG**

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	9	9	9	9	9	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	5	5	5	5	5	
	1	2	3	4	5	
	*TOTALS					
Dermis, SOA, Subcut Tiss, Infiltration	1	1	1	1	1	5 1.0
Cellular, Mononuclear Cl						

Musculoskeletal System

NONE

Nervous System

NONE

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

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97011-11
 Test Type: 14-DAY
 Route: SKIN APPLICATION
 Species/Strain: Mouse/FVB/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Ethinyl estradiol)
 CAS Number: 57-63-6

Date Report Requested: 10/22/2014
 Time Report Requested: 01:51:39
 First Dose M/F: NA / NA
 Lab: BAT

FVB/N Mouse Female 360 UG/KG	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		9	9	9	9	9	
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
	4	4	4	4	4		
	5	5	5	5	6		
	6	7	8	9	0		
						*TOTALS	

Alimentary System

Liver	+	+	+	+	+	5	
Inflammation, Granulomatous	1						1 1.0
Vacuolization Cytoplasmic	2	2	1	2	1		5 1.6
Stomach, Forestomach	+	+	+	+	+	5	

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+	+	5	
Dermis, SOA, Subcut Tiss, Edema	3	3	3	3	3		5 3.0

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

+ ..Tissue examined microscopically

X ..Lesion present

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M ..Missing tissue

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

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Experiment Number: 97011-11

Test Type: 14-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Transgenic model evaluation (Ethinyl estradiol)

CAS Number: 57-63-6

Date Report Requested: 10/22/2014

Time Report Requested: 01:51:39

First Dose M/F: NA / NA

Lab: BAT

**FVB/N Mouse Female
360 UG/KG**

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	9	9	9	9	9	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	5	5	5	5	6	
	6	7	8	9	0	
	*TOTALS					
Dermis, SOA, Subcut Tiss, Infiltration	1	1	1	1	1	5 1.0
Cellular, Mononuclear Cl						

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

**** 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