

**Experiment Number:** 55323-02  
**Test Type:** 90-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** Lauric acid diethanolamine condensate

**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 19:26:03

**First Dose M/F:** NA / NA

**Lab:** BAT

<b>C Number:</b>	C55323B
<b>Lock Date:</b>	08/11/1992
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

Experiment Number: 55323-02

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Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:03

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Male 0 MG/KG	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	3	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	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	1	0	
		1	2	3	4	5	6	7	8	9	0	

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	M	+	+	+	+	+	+	+	9
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
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 55323-02

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Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:03

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Male 0 MG/KG	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	
	1	2	3	4	5	6	7	8	9	0	
Parathyroid Gland	M	+	+	+	+	+	+	+	+	+	9
Pituitary Gland		+	+	+	+	+	+	+	+	+	10
Thyroid Gland		+	+	+	+	+	+	+	+	+	10
<b>General Body System</b>											
NONE											
<b>Genital System</b>											
Epididymis		+	+	+	+	+	+	+	+	+	10
Preputial Gland		+	+	+	+	+	+	+	+	+	10
Prostate		+	+	+	+	+	+	+	+	+	10
Seminal Vesicle		+	+	+	+	+	+	+	+	+	10
Testes		+	+	+	+	+	+	+	+	+	10
<b>Hematopoietic System</b>											
Bone Marrow		+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	10
Spleen		+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	10
<b>Integumentary System</b>											
Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
Skin		+	+	+	+	+	+	+	+	+	10

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
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Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:03

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>0 MG/KG</b>	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	3	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
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	1	0
		1	2	3	4	5	6	7	8	9	0
		<b>*TOTALS</b>									

**Musculoskeletal System**

Bone + + + + + + + + + + 10

**Nervous System**

Brain + + + + + + + + + + 10

**Respiratory System**

Lung + + + + + + + + + + 10

Nose + + + + + + + + + + 10

Trachea + + + + + + + + + + 10

**Special Senses System**

NONE

**Urinary System**

Kidney + + + + + + + + + + 10

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

**SYSTEMIC LESIONS**

Multiple Organ + + + + + + + + + + 10

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

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P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:03

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

<b>B6C3F1 Mouse Male</b> <b>50 MG/KG</b>	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	3	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
		0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	2	0
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin

+ + + + + + + + + + 10

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

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Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:03

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Male  
50 MG/KG

|             |         |   |   |   |   |   |   |   |   |   |
|-------------|---------|---|---|---|---|---|---|---|---|---|
| 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 | 3 | 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 |
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 1       | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
|             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|             | *TOTALS |   |   |   |   |   |   |   |   |   |

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

|                |   |   |   |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | 10 |
|----------------|---|---|---|---|---|---|---|---|---|---|----|

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X ..Lesion present

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P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:03

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|  |             |         |   |   |   |   |   |   |   |   |   |
|--|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Male</b><br><b>100 MG/KG</b> | 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 | 3 | 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 |
|  |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
|  |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|  |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

Spleen + 1

**Integumentary System**

Skin + + + + + + + + + + 10

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

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Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:03

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|  |             |         |   |   |   |   |   |   |   |   |   |
|--|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Male</b><br><b>200 MG/KG</b> | 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 | 3 | 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 |
|  |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 |
|  |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|  |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin + + + + + + + + + + 10

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

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Experiment Number: 55323-02

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:03

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|  |             |         |   |   |   |   |   |   |   |   |   |
|--|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Male</b><br><b>400 MG/KG</b> | 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 | 3 | 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 |
|  |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 4       | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
|  |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|  |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin + + + + + + + + + + 10

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

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Experiment Number: 55323-02

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:04

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|  |             |         |   |   |   |   |   |   |   |   |   |
|--|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Male</b><br><b>800 MG/KG</b> | 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 | 3 | 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 |
|  |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 5       | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 |
|  |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|  |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**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 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

**Endocrine System**

|                    |   |   |   |   |   |   |   |   |   |   |    |
|--------------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex     | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla    | + | + | + | + | + | + | + | + | + | + | 10 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | 10 |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

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P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:04

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

| B6C3F1 Mouse Male<br>800 MG/KG | 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 |         |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                | 5           | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |         |
|                                | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Parathyroid Gland              | +           | + | + | + | + | + | + | + | + | + | 10      |
| Pituitary Gland                | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thyroid Gland                  | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>General Body System</b>     |             |   |   |   |   |   |   |   |   |   |         |
| NONE                           |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>          |             |   |   |   |   |   |   |   |   |   |         |
| Epididymis                     | +           | + | + | + | + | + | + | + | + | + | 10      |
| Preputial Gland                | +           | + | + | + | + | + | + | + | + | + | 10      |
| Prostate                       | +           | + | + | + | + | + | + | + | + | + | 10      |
| Seminal Vesicle                | +           | + | + | + | + | + | + | + | + | + | 10      |
| Testes                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Hematopoietic System</b>    |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mandibular         | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mesenteric         | +           | + | + | + | + | + | + | + | + | + | 10      |
| Spleen                         | +           | + | + | + | M | + | + | + | + | + | 9       |
| Thymus                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b>    |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                  | M           | M | M | M | M | M | M | M | M | M | 0       |
| Skin                           | +           | + | + | + | + | + | + | + | + | + | 10      |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 55323-02

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:04

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|  |             |         |   |   |   |   |   |   |   |   |   |
|--|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Male</b><br><b>800 MG/KG</b> | 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 | 3 | 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 |
|  |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 5       | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 |
|  |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|  |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Musculoskeletal System**

Bone + + + + + + + + + + 10

**Nervous System**

Brain + + + + + + + + + + 10

**Respiratory System**

Lung + + + + + + + + + + 10

Nose + + + + + + + + + + 10

Trachea + + + + + + + + + + 10

**Special Senses System**

NONE

**Urinary System**

Kidney + + + + + + + + + + 10

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

**SYSTEMIC LESIONS**

Multiple Organ + + + + + + + + + + 10

\*\*\*END OF MALE DATA\*\*\*

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 55323-02

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:04

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

| B6C3F1 Mouse Female<br>0 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   | *TOTALS |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                                | 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 | 3 | 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 |         |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                | 6           | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |         |
|                                | 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 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | 10 |

Cardiovascular System

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

Endocrine System

|                    |   |   |   |   |   |   |   |   |   |   |    |
|--------------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex     | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla    | + | + | + | + | + | + | + | + | + | + | 10 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | 10 |

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue



Experiment Number: 55323-02  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**  
 Test Compound: Lauric acid diethanolamine condensate  
 CAS Number: 120-40-1

Date Report Requested: 10/20/2014  
 Time Report Requested: 19:26:04  
 First Dose M/F: NA / NA  
 Lab: BAT

| B6C3F1 Mouse Female<br>0 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   | ANIMAL ID |                |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|-----------|----------------|
|                                | 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           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3         |                |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0         |                |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0         |                |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0         |                |
|                                | 6           | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7         |                |
|                                | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |           | <b>*TOTALS</b> |
| Parathyroid Gland              | M           | M | M | + | + | + | + | + | + | + | 7         |                |
| Pituitary Gland                | +           | + | + | + | + | + | + | + | + | + | 10        |                |
| Thyroid Gland                  | +           | + | + | + | + | + | + | + | + | + | 10        |                |
| <b>General Body System</b>     |             |   |   |   |   |   |   |   |   |   |           |                |
| NONE                           |             |   |   |   |   |   |   |   |   |   |           |                |
| <b>Genital System</b>          |             |   |   |   |   |   |   |   |   |   |           |                |
| Clitoral Gland                 | +           | + | + | + | + | + | + | + | + | + | 10        |                |
| Ovary                          | +           | + | + | + | + | + | + | + | + | + | 10        |                |
| Uterus                         | +           | + | + | + | + | + | + | + | + | + | 10        |                |
| <b>Hematopoietic System</b>    |             |   |   |   |   |   |   |   |   |   |           |                |
| Bone Marrow                    | +           | + | + | + | + | + | + | + | + | + | 10        |                |
| Lymph Node, Mandibular         | +           | + | + | + | M | + | + | + | + | + | 9         |                |
| Lymph Node, Mesenteric         | +           | + | + | + | + | + | + | + | + | + | 10        |                |
| Spleen                         | +           | + | + | + | + | + | + | + | + | + | 10        |                |
| Thymus                         | +           | + | + | + | + | + | + | + | + | + | 10        |                |
| <b>Integumentary System</b>    |             |   |   |   |   |   |   |   |   |   |           |                |
| Mammary Gland                  | +           | + | + | + | + | + | + | + | + | + | 10        |                |
| Skin                           | +           | + | + | + | + | + | + | + | + | + | 10        |                |
| <b>Musculoskeletal System</b>  |             |   |   |   |   |   |   |   |   |   |           |                |
| Bone                           | +           | + | + | + | + | + | + | + | + | + | 10        |                |

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

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

Experiment Number: 55323-02

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:04

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

| B6C3F1 Mouse Female<br>0 MG/KG | 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 |         |
|                                |             | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |         |
| <hr/>                          |             |   |   |   |   |   |   |   |   |   |   |         |
| <b>Nervous System</b>          |             |   |   |   |   |   |   |   |   |   |   |         |
| Brain                          |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Respiratory System</b>      |             |   |   |   |   |   |   |   |   |   |   |         |
| Lung                           |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Nose                           |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Trachea                        |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Special Senses System</b>   |             |   |   |   |   |   |   |   |   |   |   |         |
| NONE                           |             |   |   |   |   |   |   |   |   |   |   |         |
| <b>Urinary System</b>          |             |   |   |   |   |   |   |   |   |   |   |         |
| Kidney                         |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Urinary Bladder                |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>SYSTEMIC LESIONS</b>        |             |   |   |   |   |   |   |   |   |   |   |         |
| Multiple Organ                 |             | + | + | + | + | + | + | + | + | + | + | 10      |

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

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

Experiment Number: 55323-02  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

Test Compound: Lauric acid diethanolamine condensate  
 CAS Number: 120-40-1

Date Report Requested: 10/20/2014  
 Time Report Requested: 19:26:04  
 First Dose M/F: NA / NA  
 Lab: BAT

|   |             |   |   |   |   |   |   |   |   |   |   |
|---|-------------|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Female</b><br><b>50 MG/KG</b> | 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 | 3 | 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 |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 |
|   |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| <b>*TOTALS</b>                                |             |   |   |   |   |   |   |   |   |   |   |

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin + + + + + + + + + +

10

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

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



Experiment Number: 55323-02

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:04

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|  |             |         |   |   |   |   |   |   |   |   |   |
|--|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Female</b><br><b>100 MG/KG</b> | 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 | 3 | 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 |
|  |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 8       | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
|  |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|  |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin

+ + + + + + + + + + 10

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 55323-02

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:04

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|                                  |             |   |   |   |   |   |   |   |   |   |   |         |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| B6C3F1 Mouse Female<br>100 MG/KG | 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 | 3 | 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 |         |
|                                  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                  |             | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |         |
|                                  |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

|                |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | 10 |
|----------------|---|---|---|---|---|---|---|---|---|---|---|----|

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 55323-02

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:04

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|  |             |         |   |   |   |   |   |   |   |   |   |
|--|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Female</b><br><b>200 MG/KG</b> | 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 | 3 | 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 |
|  |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  |             | 9       | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |
|  |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|  |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin

+ + + + + + + + + + 10

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 55323-02

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:04

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|                                  |             |   |   |   |   |   |   |   |   |   |   |         |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| B6C3F1 Mouse Female<br>200 MG/KG | 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 | 3 | 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 |         |
|                                  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |         |
|                                  |             | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |         |
|                                  |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

|                |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | 10 |
|----------------|---|---|---|---|---|---|---|---|---|---|---|----|

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically



Experiment Number: 55323-02

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:04

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|  |             |         |   |   |   |   |   |   |   |   |   |
|--|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Female</b><br><b>400 MG/KG</b> | 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 | 3 | 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 |
|  |             | 1       | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|  |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|  |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin

+ + + + + + + + + + 10

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 55323-02

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Lauric acid diethanolamine condensate

Time Report Requested: 19:26:04

Route: SKIN APPLICATION

CAS Number: 120-40-1

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|  |             |   |   |   |   |   |   |   |   |   |   |         |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Female</b><br><b>400 MG/KG</b> | 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 | 3 | 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 |   |         |
|  | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |         |
|  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |   |         |
|  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |         |

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

|                |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | 10 |
|----------------|---|---|---|---|---|---|---|---|---|---|---|----|

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

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 First Dose M/F: NA / NA  
 Lab: BAT

| DAY ON TEST                |                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------------------|------------------|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Female</b> |                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                            |                  | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|                            | <b>800 MG/KG</b> | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 |
|                            |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|                            |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
|                            |                  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| <b>*TOTALS</b>             |                  |   |   |   |   |   |   |   |   |   |   |

**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 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | M | + | + | + | + | + | + | 9  |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

**Endocrine System**

|                    |   |   |   |   |   |   |   |   |   |   |    |
|--------------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex     | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla    | + | + | + | + | + | + | + | + | + | + | 10 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | 10 |

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
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Lab: BAT

| B6C3F1 Mouse Female<br>800 MG/KG | 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 |         |
|                                  | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |         |
|                                  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Parathyroid Gland                | +           | + | + | + | + | + | + | + | + | + | 10      |
| Pituitary Gland                  | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thyroid Gland                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>General Body System</b>       |             |   |   |   |   |   |   |   |   |   |         |
| NONE                             |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>            |             |   |   |   |   |   |   |   |   |   |         |
| Clitoral Gland                   | +           | + | + | + | + | + | + | + | + | + | 10      |
| Ovary                            | +           | + | + | + | + | + | + | + | + | + | 10      |
| Uterus                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Hematopoietic System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                      | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mandibular           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mesenteric           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Spleen                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thymus                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| Skin                             | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Musculoskeletal System</b>    |             |   |   |   |   |   |   |   |   |   |         |
| Bone                             | +           | + | + | + | + | + | + | + | + | + | 10      |

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|                                  |             |   |   |   |   |   |   |   |   |   |   |         |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| B6C3F1 Mouse Female<br>800 MG/KG | 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 | 3 | 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 |   |         |
|                                  |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |         |
|                                  |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |   |         |
|                                  |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |   |         |
|                                  |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |   |         |

Nervous System

Brain + + + + + + + + + + 10

Respiratory System

Lung + + + + + + + + + + 10

Nose + + + + + + + + + + 10

Trachea + + + + + + + + + + 10

Special Senses System

NONE

Urinary System

Kidney + + + + + + + + + + 10

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

SYSTEMIC LESIONS

Multiple Organ + + + + + + + + + + 10

\*\* END OF REPORT \*\*

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