

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

C Number:	C55323B
Lock Date:	07/13/1995
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	07/28/1997

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CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 670
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: .

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 4-4, 5]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin		Hyperkeratosis	Mild
Note: TGL #1-INVOLVES THE SKIN AROUND THE TAIL			
[Hyperkeratosis TGLS = 1-12]			
* Stomach, Forestomach		Hyperkeratosis	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Mild
* Testes		Degeneration	Mild
[Degeneration TGLS = 2-10]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

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Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 680
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9401912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Pigmentation	Lipofuscin, Mild
* Bone		Osteosclerosis	Mild
* Bone Marrow		Necrosis	Moderate
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Moderate
[Hyperplasia TGLS = 2-4, 5]			
[Necrosis TGLS = 2-4, 5]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Congestion	Mild
[Congestion TGLS = 1-1]			
* Stomach, Glandular		Erosion	Mild

PRIMARY CAUSE OF DEATH - Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
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Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 509
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9401913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Thrombosis	Mild
* Brain		Meningioma Benign	
* Epididymis		Mesothelioma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Chordoma	Metastatic (Uncertain Primary Site)
* Mammary Gland		Dilatation	Mild
		Galactocele	Moderate
Mesentery	Fat	Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 1-12]			
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - Brain Meningioma Benign

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9401914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Lung		Mineralization	Minimal
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGSL = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Congestion	Mild
[Congestion TGSL = 2-12]			
* Testes	Interstit Cell	Adenoma	
Note: TUMOR INVOLVEMENT-BILATERAL			
[Adenoma TGSL = 1-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 674
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9401915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Cyst	Mild
		Nephropathy	Moderate
			[Cyst TGLS = 2-1; 3-1]
			[Nephropathy TGLS = 1-1]
* Lung		Mineralization	Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
			[Ectasia TGLS = 6-4]
* Mammary Gland		Dilatation	Mild
* Parathyroid Gland		Hyperplasia	Minimal
			[Hyperplasia TGLS = 4-7]
* Pituitary Gland	Pars Distalis	Adenoma	
			[Adenoma TGLS = 5-7]
* Preputial Gland		Inflammation	Chronic Active, Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
* Testes		Degeneration	Mild
		Inflammation	Chronic Active, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 691 HISTO: 9401916
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Mammary Gland		Dilatation	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes		Degeneration	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 703
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9401917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 5-1]			
* Lung		Mineralization	Mild
* Mammary Gland		Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 8-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss	Fibroma	
		Keratoacanthoma	
		Parakeratosis	Moderate
		Squamous Cell Carcinoma	

Note: SQUAMOUS CELL CARCINOMA INVOLVES SKIN OVER THE TAIL
 [Fibroma TGLS = 7-12]
 [Keratoacanthoma TGLS = 3-13]
 [Parakeratosis TGLS = 2-14]
 [Squamous Cell Carcinoma TGLS = 1-15]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:38

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 703
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9401917

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes [Adenoma TGLS = 4-10]	Interstit Cell	Adenoma
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:38

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 535 HISTO: 9401919
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
* Liver		Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Moderate
		Ulcer	Mild
[Inflammation TGLS = 2-4]			
[Ulcer TGLS = 2-4]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

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Test Type: CHRONIC
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Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 634

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Mineralization	Minimal
* Mammary Gland		Galactocele	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
		Ulcer	Moderate
[Inflammation TGLS = 3-12]			
[Ulcer TGLS = 3-12]			
* Testes		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
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Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Mild
[Hepatodiaphragmatic Nodule TGLS = 3-5; 5-12]			
* Lung		Mineralization	Minimal
* Mammary Gland		Galactocele	Moderate
		Hyperplasia	Focal, Minimal
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Congestion	Mild
[Congestion TGLS = 1-1]			
* Testes		Degeneration	Mild
[Degeneration TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
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Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Epididymis		Mesothelioma Malignant	
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Vacuolization Cytoplasmic	Mild
* Mammary Gland		Dilatation	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen	Red Pulp	Hyperplasia	Marked
[Hyperplasia TGLS = 2-12]			
* Stomach, Forestomach		Ulcer	Marked
[Ulcer TGLS = 6-12]			
* Testes		Degeneration	Marked
[Degeneration TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 626

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Int Lg Cecum			
Note: TGL #5-NCL			
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Vacuolization Cytoplasmic	Mild
* Mammary Gland		Dilatation	Mild
Mesentery	Fat	Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 3-12]			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach		Ulcer	Mild
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
* Mammary Gland		Dilatation	Minimal
		Galactoceles	Marked
		Hyperplasia	Focal, Mild
[Galactoceles TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tissue	Fibrosis	Marked
[Fibrosis TGLS = 1-12]			
* Testes	Interstitial Cell	Adenoma	
Note: BILATERAL INVOLVEMENT			
[Adenoma TGLS = 3-10]			
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Cyst	Marked
		Nephropathy	Moderate
Note: CYST APPEARS TO BE BLOOD-FILLED			
			[Cyst TGLS = 4-12]
			[Nephropathy TGLS = 3-1]
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
		Fibroadenoma	
* Mammary Gland			
			[Fibroadenoma TGLS = 2-13]
* Nose		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
			[Adenoma TGLS = 5-7]
* Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
* Testes	Interstitial Cell	Adenoma	
			[Adenoma TGLS = 1-10]
* Thyroid Gland	C Cell	Carcinoma	
	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Cyst	Moderate
		Nephropathy	Mild
[Cyst TGLS = 3-1]			
* Liver		Eosinophilic Focus	
* Mammary Gland		Hyperplasia	Moderate
		Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Congestion	Moderate
[Congestion TGLS = 2-2]			
* Testes	Interstitial Cell	Adenoma	
Note: BILATERAL INVOLVEMENT			
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Myelofibrosis	Moderate
* Heart	Myocardium	Inflammation	Chronic Active, Moderate
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 1-1]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Nose		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Congestion	Mild
[Congestion TGLS = 2-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 726
DOSE: 0 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9401928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Mineralization	Moderate
* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 4-7]			
* Bone Marrow		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1, 12]		Pigmentation	Hemosiderin, Mild
* Liver		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
[Pheochromocytoma Malignant TGLS = 5-4; 6-13]			
* Lung		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 7-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Congestion	Moderate
[Congestion TGLS = 2-1]			
* Testes	Interstitial Cell	Adenoma	
[Adenoma TGLS = 1-10]		Degeneration	Marked
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Pheochromocytoma Malignant Adrenal Medulla

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 565

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 563

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Lung		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	[Fibrosarcoma TGLS = 1-13]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 3-1]		
* Testes		Degeneration	Minimal
	Interstit Cell	Hyperplasia	Minimal
	[Hyperplasia TGLS = 2-10]		
Tongue		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 4-12]		

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 654

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Leukemia Mononuclear	
* Kidney		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12; 5-12]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Minimal
		Galactoceles	Marked
		Hyperplasia	Focal, Minimal
[Galactoceles TGLS = 1-13]			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Stomach, Forestomach		Ulcer	Moderate
* Testes	Interstitial Cell	Adenoma	
		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 654

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401931

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10]

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 689

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Lung		Mineralization	Minimal
Lymph Node		Angiectasis	Mild
[Angiectasis TGLS = 4-12]			
* Mammary Gland		Dilatation	Minimal
		Galactocele	Marked
[Galactocele TGLS = 1-12]			
* Parathyroid Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-11]			
* Testes		Degeneration	Minimal
	Interstitial Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 702

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Intestine Large, Cecum		Leukemia Mononuclear	
		Ulcer	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Mild
		Leukemia Mononuclear	
		[Hepatodiaphragmatic Nodule TGLS = 5-4]	
		[Leukemia Mononuclear TGLS = 2-4,5]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Atrophy	Mild
* Mammary Gland		Dilatation	Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
		[Inflammation TGLS = 3-12]	
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 4-7]	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 1-1]	
* Testes	Interstit Cell	Adenoma	
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:38

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 702

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401933

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 708

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9401934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 6-1, 12]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4, 5]		
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Mineralization	Mild
	[Inflammation TGLS = 2-13]		
	[Mineralization TGLS = 2-13]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-1]		
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25	TRT#: 1	SEX: Male	DAY ON TEST: 500
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9401935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Carcinoma	
		Inflammation	Chronic Active, Mild
[Carcinoma TGLS = 1-12]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 2-12]			

PRIMARY CAUSE OF DEATH - Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 668

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Cyst	Mild
		Nephropathy	Moderate
	[Cyst TGLS = 3-1]		
	[Nephropathy TGLS = 2-1]		
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Moderate
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin		Trichoepithelioma	
	[Trichoepithelioma TGLS = 1-12]		
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27	TRT#: 1	SEX: Male	DAY ON TEST: 710
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9401937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Mineralization	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Marked
* Testes	Interstit Cell	Hyperplasia	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 609

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9401938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver			
Note: TGL #2-NCL			
* Mammary Gland		Dilatation	Minimal
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12]			
* Spleen		Fibrosis	Minimal
[Fibrosis TGLS = 6-1]			
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-12]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 2-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
* Lung		Mineralization	Minimal
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Interstitial Cell	Adenoma	
		Degeneration	Moderate
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 506

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9401941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Leukemia Mononuclear	
* Adrenal Medulla	Leukemia Mononuclear	
* Brain	Leukemia Mononuclear	
* Heart	Leukemia Mononuclear	
* Intestine Large, Cecum	Leukemia Mononuclear	
* Kidney	Leukemia Mononuclear	
* Liver	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4, 5]		
* Lung	Leukemia Mononuclear	
* Preputial Gland	Inflammation	Chronic Active, Minimal
* Spleen	Congestion	Mild
[Congestion TGLS = 1-12]		
* Stomach, Forestomach	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 3-4]	Ulcer	Mild
[Ulcer TGLS = 3-4]		
* Testes	Leukemia Mononuclear	
* Thymus	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 1	SEX: Male	DAY ON TEST: 569
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9401942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Carcinoma	
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 624

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Islets, Pancreatic		Carcinoma	
* Kidney		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 1-1]			
* Testes		Degeneration	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 710

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
		Pigmentation	Hemosiderin, Mild
	[Nephropathy TGLS = 3-1]		
* Liver		Vacuolization Cytoplasmic	Mild
* Mammary Gland		Hyperplasia	Focal, Mild
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Mineralization	Minimal
	[Inflammation TGLS = 2-12]		
	[Mineralization TGLS = 2-12]		
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
	Note: SMALL TUMOR ALSO PRESENT IN RIGHT TESTIS		
	[Adenoma TGLS = 1-10]		
	[Mineralization TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 565

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9401945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Minimal
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen			
Note: TGL #2-NCL			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 646

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-12]		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibroma	
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]		Degeneration	Moderate
[Degeneration TGLS = 4-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 684

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
* Mammary Gland		Dilatation	Minimal
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Carcinoma	
		Inflammation	Chronic Active, Minimal
[Carcinoma TGLS = 1-12]			
* Testes		Degeneration	Minimal

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Mesothelioma Malignant	
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Cyst	Moderate
		Nephropathy	Moderate
[Cyst TGLS = 3-12]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Moderate
Mesentery	Fat	Inflammation	Chronic Active, Moderate
	Fat	Mineralization	Mild
[Inflammation TGLS = 2-13]			
[Mineralization TGLS = 2-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 583

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

Blood Vessel		Leukemia Mononuclear	
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Intestine Small, Duodenum		Ulcer	Mild
* Islets, Pancreatic		Adenoma	
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-4, 5]			
* Lung		Leukemia Mononuclear	
Lymph Node		Leukemia Mononuclear	
Note: LYMPH NODES AFFECTED TGL #6=RENAL; TGL #7=PANCREATIC; TGL #8=LUMBAR; TGL #9=MEDIASTINAL			
[Leukemia Mononuclear TGLS = 9-2; 6-12; 7-13; 8-14]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-4]			
* Pancreas		Cyst	Mild
Note: LIVER BILE DUCT DILATATION IS ACTUALLY DILATATION (CYST) OF MAIN PANCREATIC DUCT			
[Cyst TGLS = 4-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 1	SEX: Male	DAY ON TEST: 583
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9401949

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Inflammation	Chronic Active, Mild
* Spleen	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]		
* Stomach, Forestomach	Inflammation	Chronic Active, Minimal
* Thymus	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Lymph Node Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Carcinoma	
* Kidney		Cyst	Mild
		Nephropathy	Moderate
	[Nephropathy TGLS = 3-12]		
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 7-13]		
* Lung		Mineralization	Minimal
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Mineralization	Mild
	[Inflammation TGLS = 6-13; 8-14]		
	[Mineralization TGLS = 8-14]		
* Parathyroid Gland		Hyperplasia	Mild
	[Hyperplasia TGLS = 4-7]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-7]		
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin		Keratoacanthoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 1	SEX: Male	DAY ON TEST: 715
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9401950

ORGAN AND ACCOUNTABLE SITE STATUS

[Keratoacanthoma TGLS = 1-14]			
* Stomach, Forestomach		Inflammation Ulcer	Chronic Active, Moderate Mild
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:38

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 645

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 2-7]			
* Kidney	Renal Tubule	Regeneration	Mild
* Lung		Mineralization	Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Mineralization	Mild
[Inflammation TGLS = 1-12]			
[Mineralization TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear Pheochromocytoma Malignant	
	[Leukemia Mononuclear TGLS = 3-7]		
	[Pheochromocytoma Malignant TGLS = 3-7]		
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 2-1]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-4, 5]		
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
		Hyperplasia	Mild
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 7-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLS = 1-12]		
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9401952

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-12]			
* Testes	Interstit Cell	Adenoma Mineralization	Mild
[Adenoma TGLS = 4-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43	TRT#: 1	SEX: Male	DAY ON TEST: 589
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9401953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Hyperplasia	Moderate
[Hyperplasia TGLS = 3-12]			
* Stomach, Glandular		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 2-5]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 618

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
		Mineralization	Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Liver		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Mammary Gland		Dilatation	Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 3-12]			
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-13]			
* Spleen	Lymph Follic	Depletion Cellular	Mild
* Stomach, Forestomach		Mineralization	Mild
* Stomach, Glandular		Mineralization	Moderate
* Testes		Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 618

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401954

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 2-10]

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
* Liver	Bile Duct	Hyperplasia	Mild
* Lung		Mineralization	Minimal
Mesentery	Fat	Inflammation	Chronic Active, Moderate
	Fat	Mineralization	Mild
[Inflammation TGLS = 3-12]			
[Mineralization TGLS = 3-12]			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 5-11]			
* Seminal Vesicle		Inflammation	Chronic Active, Mild
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 1-12]			
* Testes	Interstitial Cell	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 607

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 1-1]			
* Liver		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Dilatation	Mild
* Nose		Inflammation	Suppurative, Moderate
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Stomach, Forestomach		Ulcer	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 1	SEX: Male	DAY ON TEST: 589
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9401957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Hydrocephalus	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-10]		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 641

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Mesothelioma Malignant	
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Cyst	Mild
		Nephropathy	Moderate
[Cyst TGLS = 7-1]			
[Nephropathy TGLS = 6-1]			
* Liver		Hepatodiaphragmatic Nodule	
Note: TGL #4-NCL			
[Hepatodiaphragmatic Nodule TGLS = 5-12]			
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 8-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
[Adenoma TGLS = 1-11]			
* Stomach, Forestomach		Inflammation	Chronic Active, Moderate
		Ulcer	Moderate
[Inflammation TGLS = 3-4]			
[Ulcer TGLS = 3-4; 9-12]			
* Testes		Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 641

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401958

ORGAN AND ACCOUNTABLE SITE STATUS

Mesothelioma Malignant

[Mesothelioma Malignant TGLS = 2-10]

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49	TRT#: 1	SEX: Male	DAY ON TEST: 716
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9401959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin		Hemorrhage	Marked
Note: CYST-BLOOD FILLED			
[Hemorrhage TGLS = 1-12]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 565

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Carcinoma	
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 1-4, 5]			
* Mammary Gland		Dilatation	Mild
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 4-12]			
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Moderate
		Ulcer	Moderate
* Testes		Degeneration	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 557

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Mammary Gland		Dilatation	Moderate
		Hyperplasia	Focal, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 526

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
Mesentery	Fat	Inflammation	Chronic Active, Moderate
	Fat	Mineralization	Mild
			[Inflammation TGLS = 2-12]
			[Mineralization TGLS = 2-12]
* Pituitary Gland	Pars Distalis	Adenoma	
			[Adenoma TGLS = 1-7]
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 625

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Marked
			[Nephropathy TGLS = 2-1]
* Liver		Hypertrophy	Minimal
Lymph Node		Congestion	Mild
			Note: BILATERAL RENAL LYMPH NODE INVOLVEMENT
			[Congestion TGLS = 5-12]
* Lymph Node, Mesenteric		Congestion	Moderate
			[Congestion TGLS = 3-4]
* Mammary Gland		Pigmentation	Hemosiderin, Mild
* Nose		Inflammation	Suppurative, Mild
* Parathyroid Gland		Hyperplasia	Mild
			[Hyperplasia TGLS = 4-7]
* Pituitary Gland		Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Minimal
* Spleen		Congestion	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 625

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401963

ORGAN AND ACCOUNTABLE SITE STATUS

[Congestion TGLS = 1-12]

[Hematopoietic Cell Proliferation TGLS = 1-12]

* Stomach, Forestomach

[Inflammation TGLS = 6-13]

Hematopoietic Cell Proliferation

Mild

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 719

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver			
Note: TGL #4-NCL			
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Focal, Moderate
		Hyperplasia	Mild
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 3-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	Subcut Tiss	Myxosarcoma	
	SOA	Parakeratosis	Mild
[Myxosarcoma TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54	TRT#: 3	SEX: Male	DAY ON TEST: 719
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9401964

ORGAN AND ACCOUNTABLE SITE STATUS

[Parakeratosis TGLS = 5-14]			
* Testes	Interstit Cell	Adenoma Degeneration	Moderate
Note: UNILATERAL INVOLVEMENT; OPPOSITE TESTES HAD INTERSTITIAL CELL ADENOMA			
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 526

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Kidney	Renal Tubule	Regeneration	Minimal
* Mammary Gland		Dilatation	Mild
* Pancreas		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes		Degeneration	Moderate
		Mesothelioma Malignant	

Note: UNILATERAL INVOLVEMENT

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Mesothelioma Malignant	
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Intestine Small, Ileum		Mesothelioma Malignant	
* Kidney		Nephropathy	Mild
		Pigmentation	Hemosiderin, Moderate
	[Nephropathy TGLS = 7-1]		
* Liver		Hepatodiaphragmatic Nodule	
		Mesothelioma Malignant	
	[Hepatodiaphragmatic Nodule TGLS = 6-4]		
* Lung		Mineralization	Minimal
* Lym Node Mesen			
Note: TGL #8-NCL			
Mesentery		Mesothelioma Malignant	
	[Mesothelioma Malignant TGLS = 3-12, 4-13]		
Oral Mucosa		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 9-8]		
* Pancreas		Mesothelioma Malignant	
	[Mesothelioma Malignant TGLS = 5-4]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Mesothelioma Malignant	
* Skin	SOA	Hyperkeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9401966
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ORGAN AND ACCOUNTABLE SITE STATUS

	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous G	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Testes	Interstit Cell	Adenoma	
		Mesothelioma Malignant	

Note: BILATERAL INVOLVEMENT
[Adenoma TGLS = 2-10]
[Mesothelioma Malignant TGLS = 2-10]

* Thyroid Gland	C Cell	Adenoma
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 485

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 1-1]			
* Liver		Vacuolization Cytoplasmic	Moderate
* Lung		Mineralization	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Parakeratosis	Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
Note: AREA OF INFLAMMATION MAY BE NEAR SITE OF ULCERATION/PERFORATION THAT WAS NOT CLEARLY OBSERVED MICROSCOPICALLY			
[Inflammation TGLS = 3-4, 12]			
* Testes		Degeneration	Minimal

PRIMARY CAUSE OF DEATH

- Stomach, Forestomach Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Marked
* Liver		Hepatodiaphragmatic Nodule	
		Vacuolization Cytoplasmic	Minimal
	[Hepatodiaphragmatic Nodule TGLS = 3-5]		
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
		Galactoceles	Marked
		Hyperplasia	Mild
		Hyperplasia	Focal, Minimal
	[Galactoceles TGLS = 2-12]		
Mesentery	Fat	Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 5-13]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Heart	Myocardium	Inflammation	Chronic Active, Moderate
* Kidney		Cyst	Mild
		Nephropathy	Marked
	[Nephropathy TGLS = 5-1, 12]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4, 5]		
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Parathyroid Gland		Hyperplasia	Mild
	[Hyperplasia TGLS = 6-7]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 7-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Marked
	[Inflammation TGLS = 2-11]		
* Seminal Vesicle		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Spleen		Congestion	Mild
	[Congestion TGLS = 3-1]		
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401969

ORGAN AND ACCOUNTABLE SITE STATUS

Degeneration

Mild

[Degeneration TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 527

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-4, 5]		
* Lung		Mineralization	Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Galactocele	Moderate
		Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 3-7]	Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-1]		
* Stomach, Forestomach		Ulcer	Mild
	[Ulcer TGLS = 4-4]		

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 662

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9401971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum
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OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
		[Hematopoietic Cell Proliferation TGLS = 3-4, 5]	
		[Hyperplasia TGLS = 3-4, 5]	
		[Vacuolization Cytoplasmic TGLS = 3-4, 5]	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 4-7]	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Cyst	Moderate
* Spleen		Congestion	Moderate
		[Congestion TGLS = 2-10]	
* Testes		Degeneration	Moderate
		[Degeneration TGLS = 1-10]	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 730
DOSE: 50 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9401972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1, 13]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
[Galactoceles TGLS = 1-12]			
Mesentery	Arteriole	Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 2-14]			
* Parathyroid Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Stomach, Forestomach		Hyperkeratosis	Mild
[Hyperkeratosis TGLS = 7-5]			
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401972

ORGAN AND ACCOUNTABLE SITE STATUS

Degeneration

Mild

[Adenoma TGLS = 4-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Lung		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
		Hyperplasia	Mild
* Nose		Inflammation	Suppurative, Mild
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
* Testes	Interstit Cell	Adenoma	
		Degeneration	Mild
[Adenoma TGLS = 1-10]			
[Degeneration TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 705

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 1-1]			
* Nose		Inflammation	Suppurative, Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 696

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver			
Note: TGL #4-NCL			
* Lung		Alveolar/Bronchiolar Carcinoma	
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibroma	
	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild
[Fibroma TGLS = 1-12]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 2-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 696

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401975

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Mineralization

Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4, 5]			
* Mammary Gland		Dilatation	Minimal
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Parakeratosis	Minimal
* Testes		Degeneration	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 663

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
* Testes		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 646

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Moderate
		Galactoceles	Moderate
		Hyperplasia	Focal, Mild
[Galactoceles TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 674

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Marked
[Hyperplasia TGLS = 2-4, 5]			
* Lung		Mineralization	Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Spleen		Congestion	Moderate
[Congestion TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:38

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 674

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401979

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
		Hyperplasia	Mild
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Mineralization	Mild
[Inflammation TGLS = 3-12]			
[Mineralization TGLS = 3-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
* Testes	Interstit Cell	Adenoma	
		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401980

ORGAN AND ACCOUNTABLE SITE STATUS

Note: MINERALIZATION-UNILATERAL INVOLVEMENT

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:38

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 430

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 3-12, 13]			
* Liver		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 1-4, 5]			
* Lung		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 2-2, 3]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Parakeratosis	Minimal

PRIMARY CAUSE OF DEATH

- Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 626

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node		Leukemia Mononuclear	
Note: PANCREATIC LYMPH NODE-TGL5; MEDIASTINAL LYMPH NODE ALSO INVOLVED [Leukemia Mononuclear TGLS = 5-12]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 4-7]			
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibroma	
	SOA	Hyperkeratosis	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Parakeratosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 626

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401982

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroma TGLS = 1-12]

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 3-12]

* Testes

Interstit Cell

Adenoma

Mineralization

Minimal

Note: BILATERAL INVOLVMENT

[Adenoma TGLS = 2-10]

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 680

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
* Testes	Interstit Cell	Adenoma	
Note: BILATERAL INVOLVEMENT			
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 500

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Large, Colon [Cyst TGLS = 3-12]		Cyst	Marked
* Liver [Hepatodiaphragmatic Nodule TGLS = 2-4]		Hepatodiaphragmatic Nodule	
* Lung		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland [Carcinoma TGLS = 1-12]		Carcinoma	
		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 3-1]			
* Liver		Vacuolization Cytoplasmic	Mild
* Mammary Gland		Dilatation	Minimal
* Nose		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Parakeratosis	Mild
* Testes	Interstit Cell	Adenoma	
		Degeneration	Mild

Note: UNILATERAL INVOLVEMENT
 [Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 537

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 2-12]		
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
		Galactoceles	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 613

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Cyst	Moderate
		Nephropathy	Marked
	[Nephropathy TGLS = 2-1]		
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 3-12]		
* Mammary Gland		Dilatation	Minimal
		Galactocele	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
		Ulcer	Moderate
	[Ulcer TGLS = 5-13]		
* Testes	Interstitial Cell	Adenoma	
	[Adenoma TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Moderate
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 5-12]			
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 6-1, 14]			
* Liver		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 4-4, 5]			
* Lymph Node, Mesenteric		Ectasia	Marked
[Ectasia TGLS = 7-13]			
* Mammary Gland		Dilatation	Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 9-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Parakeratosis	Minimal
[Hyperplasia TGLS = 1-10]			
[Hyperplasia TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401988

ORGAN AND ACCOUNTABLE SITE STATUS

[Parakeratosis TGLS = 1-10]

* Spleen

Note: TGL #2-NCL; TGL #3-12 (DEFORMITY)

* Testes

Interstit Cell

Adenoma

Degeneration

Moderate

Note: TESTICULAR DEGENERATION-BILATERAL

[Adenoma TGLS = 10-10]

* Thyroid Gland

C Cell

Adenoma

Follicular Cel

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
		Hyperplasia	Mild
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	Subcut Tiss	Lipoma	
	SOA	Parakeratosis	Minimal
[Lipoma TGLS = 1-12]			
* Testes	Interstit Cell	Adenoma	
Note: BILATERAL INVOLVEMENT			
[Adenoma TGLS = 2-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401989

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 9401990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
		Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
* Testes	Interstit Cell	Adenoma	
		Degeneration	Minimal
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 634
DOSE: 50 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9401991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-4, 5]		
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Mineralization	Mild
	[Inflammation TGLS = 5-14]		
	[Mineralization TGLS = 5-14]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibroma	
	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Parakeratosis	Mild
	[Fibroma TGLS = 1-13]		
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81	TRT#: 3	SEX: Male	DAY ON TEST: 634
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9401991

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-12]

* Testes

Interstit Cell

Adenoma

Note: BILATERAL INVOLVEMENT

[Adenoma TGLS = 4-10]

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 544

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 2-1]			
* Liver		Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 3-4, 5]			
* Mammary Gland		Dilatation	Mild
Penis		Congestion	Mild
[Congestion TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Minimal
* Stomach, Forestomach		Ulcer	Moderate
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Vacuolization Cytoplasmic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 3-1, 12]		
* Mammary Gland		Dilatation	Minimal
	[Fibroadenoma TGLS = 2-13]	Fibroadenoma	
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	Pinna	Squamous Cell Papilloma	
	Note: TUMOR INVOLVED PINNA		
	[Squamous Cell Papilloma TGLS = 1-12]		
* Testes		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 4-4]		
* Lung	Interstitium	Fibrosis	Mild
* Lymph Node, Mesenteric		Ectasia	Moderate
	[Ectasia TGLS = 5-4]		
* Mammary Gland		Hyperplasia	Mild
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
		Degeneration	Moderate
		Mineralization	Mild
	[Adenoma TGLS = 3-10]		
	[Degeneration TGLS = 2-10]		
	[Mineralization TGLS = 3-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
		Thrombosis	Moderate
	[Thrombosis TGLS = 8-12]		
* Kidney		Nephropathy	Moderate
		Pigmentation	Hemosiderin, Minimal
	[Nephropathy TGLS = 7-1]		
* Liver	Periportal	Fibrosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Fibrosis TGLS = 6-12]		
	[Hyperplasia TGLS = 5-5, 12]		
	[Leukemia Mononuclear TGLS = 5-5, 12]		
* Lung	Interstitialium	Fibrosis	Moderate
		Mineralization	Minimal
	[Fibrosis TGLS = 10-13]		
* Mammary Gland		Dilatation	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Epidermis, SOA	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9401995
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	SOA, Sebaceous GI SOA	Hyperplasia Inflammation Fibroma Leukemia Mononuclear	Minimal Chronic Active, Minimal
[Fibroma TGLS = 4-1] [Leukemia Mononuclear TGLS = 3-14]			
* Stomach, Forestomach		Hyperkeratosis Inflammation	Mild Chronic Active, Mild
[Hyperkeratosis TGLS = 9-5] [Inflammation TGLS = 9-5]			
* Testes	Interstit Cell	Adenoma Degeneration Mineralization	Mild Mild
[Degeneration TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 578

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 1-1]			
* Liver		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 2-4, 5]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 4-11]			
* Skin	Epidermis, SOA SOA, Sebaceous GI	Hyperplasia Hyperplasia	Minimal Minimal
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 5-1]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9401997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-1, 12]			
* Liver		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
		Hyperplasia	Focal, Minimal
		Hyperplasia	Mild
		Hyperplasia	Mild
* Parathyroid Gland			
[Hyperplasia TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	
Note: BILATERAL INVOLVEMENT			
[Adenoma TGLS = 4-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 684

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Cyst	Minimal
		Nephropathy	Marked
	[Cyst TGLS = 4-1]		
	[Nephropathy TGLS = 3-1]		
* Liver		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Dilatation	Moderate
		Hyperplasia	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
	[Hyperplasia TGLS = 5-7]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 6-7]		
* Preputial Gland		Inflammation	Suppurative, Mild
* Skin	SOA	Hyperkeratosis	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
* Testes	Interstit Cell	Adenoma	
		Degeneration	Mild
	[Adenoma TGLS = 1-10]		
	[Degeneration TGLS = 2-10]		

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 614

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9401999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Vacuolization Cytoplasmic	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = #3-NCL]			
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 4-14]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Fibrosarcoma	
[Fibroma TGLS = 2-13]			
[Fibrosarcoma TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Carcinoma	
		Dilatation	Minimal
		Hyperplasia	Minimal
[Carcinoma TGLS = 2-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Carcinoma	
		Inflammation	Chronic Active, Mild
[Carcinoma TGLS = 1-12]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA	Parakeratosis	Minimal
* Stomach, Forestomach		Fibrosis	Moderate
		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 5-5]			
* Testes	Interstit Cell	Adenoma	
		Mineralization	Mild

Note: BILATERAL INVOLVEMENT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 9402000

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-10]		
* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91	TRT#: 3	SEX: Male	DAY ON TEST: 620
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9402001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Heart		Leukemia Mononuclear	
* Intestine Small, Jejunum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 2-7]			
[Leukemia Mononuclear TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:38

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 620

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402001

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 582

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9402002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Testes		Degeneration	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 626

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
Eye	Lens	Mineralization	Mild
[Mineralization TGLS = 1-12]			
* Heart		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
[Hyperplasia TGLS = 5-4, 5]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4, 5]			
* Lung		Leukemia Mononuclear	
		Mineralization	Minimal
* Lymph Node, Mesenteric		Amyloid Deposition	Mild
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Mineralization	Mild
[Inflammation TGLS = 4-12]			
[Mineralization TGLS = 4-12]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Minimal
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 626

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402003

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 3-1]

[Leukemia Mononuclear TGLS = 2-1]

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 658

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6; 10-6]			
* Epididymis		Leukemia Mononuclear	
* Heart	Myocardium	Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-13, 15]			
* Lung		Leukemia Mononuclear	
Lymph Node		Leukemia Mononuclear	
Note: MEDIASTINAL LYMPH NODE			
[Leukemia Mononuclear TGLS = 7-13]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4]			
* Mammary Gland		Dilatation	Marked
		Leukemia Mononuclear	
[Dilatation TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 658 HISTO: 9402004
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ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 8-7]			
* Preputial Gland		Leukemia Mononuclear	
* Prostate		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 653

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9402005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
	[Hepatodiaphragmatic Nodule TGLS = 5-13]		
* Lung		Cyst	Moderate
	[Cyst TGLS = 3-3]		
* Lymph Node, Mandibular		Hyperplasia	Mild
* Mammary Gland		Dilatation	Mild
		Galactocele	Mild
		Hyperplasia	Focal, Minimal
	[Galactocele TGLS = 1-12]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
* Spleen		Congestion	Moderate
	[Congestion TGLS = 2-1]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 589

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Liver		Vacuolization Cytoplasmic	Moderate
* Mammary Gland		Dilatation	Minimal
* Parathyroid GI			
Note: TGL #3-NCL			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA	Parakeratosis	Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
		Ulcer	Mild
[Inflammation TGLS = 4-4]			
[Ulcer TGLS = 4-4]			
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule Degeneration	Minimal Moderate
Note: CYSTIC IN NATURE			
* Brain		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Cyst	Mild
		Fibrosis	Moderate
		Nephropathy	Marked
		[Cyst TGLS = 2-12]	
		[Fibrosis TGLS = 4-1]	
		[Nephropathy TGLS = 2-1, 12]	
* Liver		Hepatodiaphragmatic Nodule	
		[Hepatodiaphragmatic Nodule TGLS = 3-4]	
* Mammary Gland		Dilatation	Moderate
* Parathyroid Gland		Hyperplasia	Mild
		[Hyperplasia TGLS = 5-7]	
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 6-7]	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402007

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Degeneration

Moderate

Inflammation

Chronic Active, Mild

[Degeneration TGLS = 1-10]

[Inflammation TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 597

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
Blood Vessel		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4, 5]			
* Lung		Leukemia Mononuclear	
Lymph Node		Leukemia Mononuclear	
Note: MEDIASTINAL LYMPH NODE			
[Leukemia Mononuclear TGLS = 7-2]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 8-7]			
[Leukemia Mononuclear TGLS = 8-7]			
* Preputial Gland		Cyst	Mild
		Inflammation	Chronic Active, Moderate
[Cyst TGLS = 2-12]			
* Prostate		Leukemia Mononuclear	
* Skin	Subcut Tiss	Fibroma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 597 HISTO: 9402008
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ORGAN AND ACCOUNTABLE SITE STATUS

	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	Subcut Tiss	Leukemia Mononuclear	
	SOA	Parakeratosis	Minimal
	[Fibroma TGLS = 1-13]		
	[Leukemia Mononuclear TGLS = 1-13]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-1]		
* Testes	Interstit Cell	Adenoma	
	Note: BILATERAL INVOLVEMENT		
	[Adenoma TGLS = 5-10]		
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 9402009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Testes		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 618

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4, 5]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland		Cyst	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Forestomach		Ulcer	Mild
	[Ulcer TGLS = 3-5]		
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101

TRT#: 5

SEX: Male

DAY ON TEST: 557

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Mammary Gland		Dilatation	Marked
		Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 583

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Prostate			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Lung		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA	Parakeratosis	Minimal
* Urinary Bladder		Hemorrhage	Moderate
		Necrosis	Mild
[Hemorrhage TGLS = 2-1]			
[Necrosis TGLS = 2-1]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 719

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Nose
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

Blood Vessel		Mineralization	Mild
* Bone		Fibrous Osteodystrophy	Moderate
* Heart	Myocardium	Inflammation	Chronic Active, Moderate
		Mineralization	Mild
* Kidney		Cyst	Moderate
		Nephropathy	Marked
			[Nephropathy TGLS = 5-1, 12]
* Lung		Mineralization	Moderate
* Lymph Node, Mesenteric		Necrosis	Mild
* Mammary Gland		Dilatation	Minimal
* Pancreas	Arteriole	Inflammation	Chronic Active, Mild
* Parathyroid Gland		Hyperplasia	Moderate
			[Hyperplasia TGLS = 6-7]
* Pituitary Gland	Pars Distalis	Adenoma	
			[Adenoma TGLS = 7-7]
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
			[Inflammation TGLS = 4-11]
* Seminal Vesicle		Inflammation	Chronic Active, Mild
* Skin	Sebaceous GI	Adenoma	
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103	TRT#: 5	SEX: Male	DAY ON TEST: 719
	DOSE: 100 MG/KG	DISP: Moribund Sacrifice	HISTO: 9402013

ORGAN AND ACCOUNTABLE SITE STATUS

SOA	Parakeratosis	Mild
SOA	Ulcer	Moderate
Note: SEBACEOUS GLAND FINDINGS INVOLVE PINNA OF LEFT EAR [Adenoma TGLS = 1-14] [Parakeratosis TGLS = 2-13]		
* Stomach, Glandular	Mineralization	Moderate
* Testes [Degeneration TGLS = 3-10]	Degeneration	Moderate

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 670

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Eye	Lens	Mineralization	Mild
[Mineralization TGLS = 1-12]			
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
		Keratoacanthoma	
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild
[Keratoacanthoma TGLS = 2-12]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 606

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4, 5]			
* Lung		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Spleen		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 2-1]			
[Leukemia Mononuclear TGLS = 1-1]			

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 719

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Brain		Hydrocephalus	Moderate
		Mineralization	Mild
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Nose		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
[Hyperplasia TGLS = 1-10]			
[Hyperplasia TGLS = 1-10]			
[Parakeratosis TGLS = 1-10]			
* Spleen		Fibrosis	Minimal
[Fibrosis TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 719

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402016

ORGAN AND ACCOUNTABLE SITE STATUS

Degeneration

Mild

Mineralization

Minimal

[Adenoma TGLS = 3-10]

[Mineralization TGLS = 3-10]

PRIMARY CAUSE OF DEATH

- Brain Hydrocephalus

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Cyst	Mild
		Nephropathy	Moderate
	[Cyst TGLS = 3-12]		
	[Nephropathy TGLS = 2-1, 12]		
* Liver		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Dilatation	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402017

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Adenoma

Follicular Cel

Carcinoma

[Carcinoma TGLS = 4-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 645

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Cyst	Mild
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 654

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous Gl	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Mild
[Fibrosarcoma TGLS = 1-12]			
* Testes		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Myocardium	Inflammation	Chronic Active, Moderate
* Intestine Small, Jejunum		Inflammation	Chronic, Minimal
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 5-4]			
* Kidney		Nephropathy	Moderate
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
[Fibroadenoma TGLS = 2-13]		Fibroadenoma	
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA, Sebaceous GI	Basal Cell Adenoma	
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
[Basal Cell Adenoma TGLS = 1-12]			
* Testes	Interstitial Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402020

ORGAN AND ACCOUNTABLE SITE STATUS

Degeneration

Minimal

Mineralization

Minimal

[Adenoma TGLS = 3-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Cyst	Mild
		Nephropathy	Mild
	[Cyst TGLS = 3-12]		
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 2-12]	Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Dilatation	Moderate
		Galactoceles	Minimal
		Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Preputial Gland		Adenoma	
	[Adenoma TGLS = 1-12]	Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402021

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Carcinoma	
* Kidney		Nephropathy	Mild
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung		Mineralization	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Spleen		Congestion	Mild
		Fibrosis	Mild
[Congestion TGLS = 2-12]			
[Fibrosis TGLS = 3-12]			
* Testes		Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
* Spleen		Congestion	Mild
[Congestion TGLS = 1-1]			
* Testes		Degeneration	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 696

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Islets, Pancreatic		Adenoma	Multiple
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 1-4, 5]	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Atrophy	Mild
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
		[Adenoma TGLS = 5-7]	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114	TRT#: 5	SEX: Male	DAY ON TEST: 696
	DOSE: 100 MG/KG	DISP: Moribund Sacrifice	HISTO: 9402024

ORGAN AND ACCOUNTABLE SITE STATUS

	SOA	Parakeratosis	Mild
	SOA	Ulcer	Moderate
[Hyperkeratosis TGLS = 2-12]			
[Hyperplasia TGLS = 2-12]			
[Hyperplasia TGLS = 2-12]			
[Inflammation TGLS = 2-12]			
[Parakeratosis TGLS = 2-12]			
[Ulcer TGLS = 2-12]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-12]			
[Leukemia Mononuclear TGLS = 3-12]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4, 5]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Mineralization	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
* Spleen		Congestion	Mild
[Congestion TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal

Note: BILATERAL TUMOR INVOLVEMENT
 [Adenoma TGLS = 1-10]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402025

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 695

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Seminal Vesicle		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 3-4, 5]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
		Galactocele	Moderate
		Hyperplasia	Focal, Mild
[Galactocele TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
Note: LARGE CYSTIC AREA IN NEOPLASM			
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Testes		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 695

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402026

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Lym Node Mesen			
Note: TGL#6 - NCL			
* Mammary Gland		Galactocele	Mild
Oral Mucosa		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 7-13]			
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Moderate
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 5-12]			
[Ulcer TGLS = 5-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117	TRT#: 5	SEX: Male	DAY ON TEST: 727
	DOSE: 100 MG/KG	DISP: Natural Death	HISTO: 9402027

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma Degeneration	Mild
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Note: TUMOR - BILATERAL INVOLVEMENT
[Adenoma TGLS = 2-10]
[Degeneration TGLS = 1-10]

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Mineralization	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
* Testes	Interstit Cell	Adenoma	

Note: BILATERAL INVOLVEMENT
 [Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 684

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 2-1]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
Mesentery		Lipoma	
[Lipoma TGLS = 1-12]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal

PRIMARY CAUSE OF DEATH

- Mesentery Lipoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 106

DOSE: 100 MG/KG

DISP: Accidentally Killed

HISTO: 9402030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Lung		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-2, 3]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
Skeletal Muscle		Hemorrhage	Moderate
Note: DORSAL LUMBAR AREA INVOLVED			
[Hemorrhage TGLS = 3-13]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Minimal
[Hyperplasia TGLS = 1-12]			
[Hyperplasia TGLS = 1-12]			
[Parakeratosis TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

- Skeletal Muscle Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 589

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Inflammation	Chronic Active, Mild
* Mammary Gland		Dilatation	Mild
		Galactocele	Marked
		Hyperplasia	Focal, Moderate
[Galactocele TGLS = 1-12]			
[Hyperplasia TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 632

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 3-12]			
* Heart		Thrombosis	Mild
* Intestine Large, Colon		Mesothelioma Malignant	
* Intestine Small, Jejunum		Mesothelioma Malignant	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4, 5]		Necrosis	Minimal
* Lung		Mineralization	Minimal
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 2-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Mesothelioma Malignant	
* Seminal Vesicle		Mesothelioma Malignant	
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Moderate
* Stomach, Forestomach		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 122	TRT#: 5	SEX: Male	DAY ON TEST: 632
	DOSE: 100 MG/KG	DISP: Natural Death	HISTO: 9402032

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma
		Mesothelioma Malignant

Note: INTERSTITIAL CELL ADENOMA-BILATERAL INVOLVEMENT

[Adenoma TGLS = 6-10]

[Mesothelioma Malignant TGLS = 6-10]

* Thyroid Gland	Follicular Cel	Adenoma
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[Adenoma TGLS = 5-7]

PRIMARY CAUSE OF DEATH	- Epididymis	Mesothelioma Malignant
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 642

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Moderate
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124	TRT#: 5	SEX: Male	DAY ON TEST: 266
	DOSE: 100 MG/KG	DISP: Natural Death	HISTO: 9402034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 703

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 4-1]		
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin		Basal Cell Carcinoma	
	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild
	[Basal Cell Carcinoma TGLS = 1-12]		
* Stomach, Forestomach		Edema	Mild
		Hyperkeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125	TRT#: 5	SEX: Male	DAY ON TEST: 703
	DOSE: 100 MG/KG	DISP: Moribund Sacrifice	HISTO: 9402035

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma Degeneration	Mild
[Adenoma TGLS = 2-10]			
[Degeneration TGLS = 3-10]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Vacuolization Cytoplasmic	Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
* Liver		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Dilatation	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-12]		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Parakeratosis	Minimal
* Testes		Degeneration	Mild
	Interstitial Cell	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 703

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Epididymis		Mesothelioma Benign	
Eye		Mineralization	Mild
[Mineralization TGLS = 1-12]			
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Moderate
		Galactocele	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 703

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402037

ORGAN AND ACCOUNTABLE SITE STATUS

	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Moderate
		Ulcer	Moderate
	[Inflammation TGLS = 5-13]		
	[Ulcer TGLS = 5-13]		
* Testes		Degeneration	Moderate
		Inflammation	Chronic Active, Mild
	[Degeneration TGLS = 2-10]		
	[Inflammation TGLS = 2-10]		

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Seminal Vesicle
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Brain		Vacuolization Cytoplasmic	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 6-12]		Vacuolization Cytoplasmic	Moderate
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Moderate
		Hyperplasia	Minimal
Mesentery	Fat	Mineralization	Minimal
[Mineralization TGLS = 3-12]	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-12]			
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Salivary Glands		Atrophy	Mild
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 9402038

ORGAN AND ACCOUNTABLE SITE STATUS

	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Moderate
		Ulcer	Moderate
	[Ulcer TGLS = 7-4]		
* Testes	Interstit Cell	Adenoma	
	Note: TUMOR BILATERAL INVOLVEMENT		
	[Adenoma TGLS = 2-10]		
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 717

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Degeneration	Mild
* Adrenal Medulla		Hyperplasia	Mild
Blood Vessel		Mineralization	Mild
* Heart		Mineralization	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 1-1, 12]			
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Mineralization	Mild
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Mineralization	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 689

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 3-7]			
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 2-1]			
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic Active, Mild
		Mineralization	Minimal
* Mammary Gland		Dilatation	Moderate
		Galactocele	Minimal
Mesentery	Fat	Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 1-12]			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
		Ulcer	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 583

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Lung		Mineralization	Minimal
* Lymph Node, Mandibular		Sarcoma	
[Sarcoma TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Mild

PRIMARY CAUSE OF DEATH

- Lymph Node, Mandibular Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 555

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Liver		Necrosis	Minimal
[Necrosis TGLS = 3-4, 5]			
* Lung		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
[Hyperplasia TGLS = 4-10]			
[Hyperplasia TGLS = 4-10]			
[Inflammation TGLS = 4-10]			
[Parakeratosis TGLS = 4-10]			
* Testes	Interstit Cell	Adenoma	
		Degeneration	Mild
Note: DEGENERATION-UNILATERAL INVOLVEMENT			
[Adenoma TGLS = 2-10]			
Zymbal's Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 555

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402043

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 1-12]

PRIMARY CAUSE OF DEATH

- Zymbal's Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 522

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Liver		Vacuolization Cytoplasmic	Moderate
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 703

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Cyst	Mild
		Nephropathy	Marked
			[Nephropathy TGLS = 4-1]
* Mammary Gland		Dilatation	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Carcinoma	
		Inflammation	Chronic Active, Minimal
			[Carcinoma TGLS = 2-13]
* Skin	SOA	Edema	Mild
	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Moderate
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Moderate
			[Parakeratosis TGLS = 1-12]
* Stomach, Forestomach		Edema	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 135	TRT#: 5	SEX: Male	DAY ON TEST: 703
	DOSE: 100 MG/KG	DISP: Moribund Sacrifice	HISTO: 9402045

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 5-12]			
* Testes	Interstit Cell	Adenoma Degeneration	Moderate
[Adenoma TGLS = 3-10]			

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 527

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 2-12]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 1-13]			

PRIMARY CAUSE OF DEATH

- Zymbal's Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 589

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Moderate
		Galactoceles	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 683

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 5-7]			
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 3-1]			
* Liver		Leukemia Mononuclear	
* Lung		Mineralization	Minimal
* Mammary Gland		Hyperplasia	Cystic, Focal, Moderate
[Hyperplasia TGLS = 2-13]			
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Skin	Subcut Tiss	Fibrosarcoma	
	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Parakeratosis	Mild
[Fibrosarcoma TGLS = 1-12]			
* Spleen			
Note: TGL #6-NCL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 683

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402048

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Mineralization

Minimal

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart	Myocardium	Inflammation	Chronic Active, Moderate
* Intestine Small, Jejunum		Adenocarcinoma	
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Mineralization	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, Pinna	Hyperplasia	Moderate
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	Pinna	Parakeratosis	Minimal
[Hyperplasia TGLS = 1-12]			
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Cyst	Marked
		Nephropathy	Moderate
			[Cyst TGLS = 1-12]
			[Nephropathy TGLS = 2-1, 12]
* Lung		Mineralization	Minimal
* Lymph Node, Mesenteric		Ectasia	Moderate
			[Ectasia TGLS = 4-4, 13]
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
			[Adenoma TGLS = 3-7]
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Parakeratosis	Minimal
* Testes		Degeneration	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 513

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 726

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 3-1]			
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Lung		Mineralization	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	
		Degeneration	Moderate
		Inflammation	Chronic Active, Mild
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143	TRT#: 5	SEX: Male	DAY ON TEST: 589
	DOSE: 100 MG/KG	DISP: Moribund Sacrifice	HISTO: 9402053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 558

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Moderate
		Galactocele	Moderate
[Galactocele TGLS = 2-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-5]			
* Lung		Mineralization	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Nose		Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Interstitial Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Testes		Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 603

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
[Leukemia Mononuclear TGLS = 1-4, 5]		Leukemia Mononuclear	
* Lung		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Spleen		Congestion	Moderate
[Congestion TGLS = 2-1]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 603

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 5-4, 5]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Preputial Gland		Cyst	Moderate
		Inflammation	Suppurative, Moderate
	[Cyst TGLS = 2-12]		
* Skin	Subcut Tiss	Fibroma	
	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
	[Fibroma TGLS = 6-13]		
	[Hyperkeratosis TGLS = 1-12]		
	[Hyperplasia TGLS = 1-12]		
	[Hyperplasia TGLS = 1-12]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 603

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402057

ORGAN AND ACCOUNTABLE SITE STATUS

[Parakeratosis TGLS = 1-12]

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 4-14]

* Testes

Interstit Cell

Adenoma

Mineralization

Mild

Note: TUMOR AND MINERALIZATION IS BILATERAL

[Adenoma TGLS = 3-10]

[Mineralization TGLS = 3-10]

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 5-7]			
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-4]		Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
		Hyperplasia	Focal, Mild
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
[Trichoepithelioma TGLS = 1-12]		Trichoepithelioma	
* Testes		Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402058

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Mineralization	Mild
	Bilateral	Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLS = 3-7]		
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Cyst	Mild
		Nephropathy	Marked
	[Nephropathy TGLS = 2-1, 12]		
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
		Galactocele	Moderate
	[Galactocele TGLS = 1-13]		
* Nose		Inflammation	Suppurative, Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Fibrosis	Mild
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402059

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Mineralization	Moderate
* Testes	Degeneration	Moderate
Interstit Cell	Hyperplasia	Minimal
	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
		Vacuolization Cytoplasmic	Mild
Blood Vessel		Lymphoma Malignant	
* Epididymis		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Duodenum		Lymphoma Malignant	
* Intestine Small, Ileum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Islets, Pancreatic		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Dilatation	Mild
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-12]			
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Seminal Vesicle		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402060

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
* Spleen		Congestion	Mild
[Congestion TGLS = 2-1]			
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
* Stomach, Glandular		Lymphoma Malignant	
* Testes	Interstit Cell	Adenoma	
		Degeneration	Mild
		Mineralization	Mild
[Adenoma TGLS = 1-10]			
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 151	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 475 HISTO: 9402061
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Jejunum
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatodiaphragmatic Nodule Inflammation	Chronic Active, Minimal

[Hepatodiaphragmatic Nodule TGLS = 1-11]

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 152

TRT#: 2

SEX: Female

DAY ON TEST: 416

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9402062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Esophagus	* Intestine Large, Rectum	* Intestine Small, Jejunum
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OBSERVATIONS

* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Kidney	Mineralization	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	

[Alveolar/Bronchiolar Adenoma TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 153

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Lung		Mineralization	Minimal
* Pancreas	Acinus	Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 154

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9402064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-11]			
* Lung		Mineralization	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 155

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9402065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
[Cyst TGLS = 2-11]			
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 156

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Carcinoma	
		Inflammation	Chronic Active, Minimal
[Carcinoma TGLS = 2-10]			
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157

TRT#: 2

SEX: Female

DAY ON TEST: 640

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 158

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland [Carcinoma TGLS = 1-10]		Carcinoma	
* Kidney		Nephropathy	Minimal
		Pigmentation	Hemosiderin, Mild
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Ovary [Cyst TGLS = 3-10]	Periovarn Tiss	Cyst	Moderate
* Pituitary Gland [Adenoma TGLS = 4-7]	Pars Distalis	Adenoma	
* Spleen [Congestion TGLS = 2-1]		Congestion	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 159

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9402069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
		Mineralization	Minimal
		Nephropathy	Minimal
		Squamous Cell Carcinoma	Metastatic (Lung)
[Adenoma TGLS = 4-11]			
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-13]			
* Lung		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-2]			
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Mild
[Hyperplasia TGLS = 1-12]			
[Inflammation TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 159

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402069

ORGAN AND ACCOUNTABLE SITE STATUS

[Parakeratosis TGLS = 1-12]

[Ulcer TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 160

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 161

TRT#: 2

SEX: Female

DAY ON TEST: 219

DOSE: 0 MG/KG

DISP: Accidentally Killed

HISTO: 9402071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Leukemia Mononuclear	
* Brain	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6, 11]		
* Heart	Leukemia Mononuclear	
* Kidney	Leukemia Mononuclear	
* Liver	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4, 5]		
Spinal Cord	Hemorrhage	Minimal
[Hemorrhage TGLS = 4-12]		
* Spleen	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]		

PRIMARY CAUSE OF DEATH - Spinal Cord Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162

TRT#: 2

SEX: Female

DAY ON TEST: 667

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9402072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Islets, Pancreatic	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Intestine Large, Cecum

AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
[Leukemia Mononuclear TGLS = 1-1]			
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
[Leukemia Mononuclear TGLS = 3-4, 5]			
Lymph Node		Leukemia Mononuclear	
Note: LUMBAR, CERVICAL, AND MEDIASTINAL			
[Leukemia Mononuclear TGLS = 5-11; 6-12; 7-2]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-4]			
* Mammary Gland		Dilatation	Minimal
* Ovary		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162

TRT#: 2

SEX: Female

DAY ON TEST: 667

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9402072

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland
[Thrombosis TGLS = 8-7]

Thrombosis

Mild

* Spleen
[Leukemia Mononuclear TGLS = 4-11]

Leukemia Mononuclear

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163

TRT#: 2

SEX: Female

DAY ON TEST: 322

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Intestine Large, Cecum	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Intestine Small, Duodenum	Carcinoma	Metastatic (Urinary Bladder)
* Intestine Small, Jejunum	Carcinoma	Metastatic (Urinary Bladder)
* Kidney	Carcinoma	Metastatic (Urinary Bladder)
	Mineralization	Mild
[Carcinoma TGLS = 8-11]		
* Liver	Carcinoma	Metastatic (Urinary Bladder)
[Carcinoma TGLS = 4-11]		
* Lung	Carcinoma	Metastatic (Urinary Bladder)
	Mineralization	Minimal
[Carcinoma TGLS = 5-2, 3, 11]		
* Lymph Node, Mesenteric	Carcinoma	Metastatic (Urinary Bladder)
[Carcinoma TGLS = 6-4]		
* Mammary Gland	Dilatation	Mild
Mesentery	Carcinoma	Metastatic (Urinary Bladder)
[Carcinoma TGLS = 1-11]		
* Pancreas	Carcinoma	Metastatic (Urinary Bladder)
[Carcinoma TGLS = 7-4]		
Skeletal Muscle	Carcinoma	Metastatic (Urinary Bladder)
[Carcinoma TGLS = 2-12]		
* Stomach, Glandular	Carcinoma	Metastatic (Urinary Bladder)
	Erosion	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163	TRT#: 2	SEX: Female	DAY ON TEST: 322
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9402073

ORGAN AND ACCOUNTABLE SITE STATUS

[Erosion TGLS = 9-11]			
* Urinary Bladder	Transit Epithe	Carcinoma	
* Uterus		Carcinoma	Metastatic (Urinary Bladder)
[Carcinoma TGLS = 3-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Mammary Gland	Dilatation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Cyst	Mild
		Inflammation	Chronic Active, Minimal
[Cyst TGLS = 1-10]			
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 166

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4, 5]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2, 3]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Ovary	Follicle	Cyst	Mild
* Pituitary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 5-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]		Thrombosis	Moderate
[Thrombosis TGLS = 4-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168

TRT#: 2

SEX: Female

DAY ON TEST: 479

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-11]			
* Uterus		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169

TRT#: 2

SEX: Female

DAY ON TEST: 527

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Leukemia Mononuclear	
* Brain	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]		
* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Kidney	Mineralization	Minimal
* Liver	Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-4]	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4, 5]		
* Lung	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-3]		
* Pituitary Gland	Hyperplasia	Mild
[Hyperplasia TGLS = 5-7]		
* Spleen	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11]	Thrombosis	Marked
[Thrombosis TGLS = 7-11]		
* Stomach, Glandular	Erosion	Mild
[Erosion TGLS = 9-5]		
* Urinary Bladder	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1]		
* Uterus	Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169

TRT#: 2

SEX: Female

DAY ON TEST: 527

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402079

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 8-10]

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-4]		
* Lung	Mineralization	Minimal
* Mammary Gland	Dilatation	Minimal
	Fibroadenoma	
[Fibroadenoma TGLS = 1-11]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
[Adenoma TGLS = 1-10]			
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Lung	Interstitialium	Fibrosis	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 172

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Hyperplasia	Mild
[Hyperplasia TGLS = 1-11]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Uterus		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 173

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9402083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-5]			
* Lung		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Mammary Gland		Adenoma	
		Dilatation	Mild
[Adenoma TGLS = 1-11]		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 174

TRT#: 2

SEX: Female

DAY ON TEST: 521

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9402084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------|--------------------------|--------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Intestine Small, Duodenum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

AUTO PRECLUDES DIAG.

- | | | | |
|----------------------------|--------------------------|---------------------------|--------------------------|
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | | | |

OBSERVATIONS

- | | | | |
|-------------------|------------|----------------|-------------------------|
| * Clitoral Gland | | Inflammation | Chronic Active, Minimal |
| * Heart | Myocardium | Inflammation | Chronic Active, Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Inflammation | Chronic Active, Minimal |
| * Lung | | Mineralization | Minimal |
| * Pituitary Gland | | Cyst | Mild |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Mineralization	Minimal
Oral Mucosa		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-11]			
* Pituitary Gland		Cyst	Mild
		Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 176

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 694
HISTO: 9402086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Kidney		Nephropathy	Mild
* Liver		Vacuolization Cytoplasmic	Mild
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 177

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9402087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland [Carcinoma TGLS = 1-10]		Carcinoma	
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney [Cyst TGLS = 3-11]		Cyst Nephropathy	Mild Mild
* Lung		Mineralization	Minimal
* Mammary Gland [Fibroadenoma TGLS = 2-11]		Dilatation Fibroadenoma	Minimal
* Pituitary Gland [Adenoma TGLS = 4-7]	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

[Adenoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 179

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 662
HISTO: 9402089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
		Fibrosis	Moderate
[Fibroadenoma TGLS = 1-11]			
* Ovary	Periovarn Tiss	Cyst	Moderate
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 180

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Ovary	Periovarn Tiss	Cyst	Marked
[Cyst TGLS = 1-10]			
* Pituitary Gland		Cyst	Moderate
[Cyst TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181

TRT#: 2

SEX: Female

DAY ON TEST: 682

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9402091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear Necrosis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Leukemia Mononuclear	
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Atrophy	Moderate
* Mammary Gland		Dilatation	Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-11]			
* Nose		Inflammation	Suppurative, Mild
* Ovary		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181

TRT#: 2

SEX: Female

DAY ON TEST: 682

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9402091

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182

TRT#: 2

SEX: Female

DAY ON TEST: 617

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9402092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
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OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Focal, Moderate
[Fibroadenoma TGLS = 1-11]			
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 183

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
[Adenoma TGLS = 1-11]			
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Minimal
* Ovary	Follicle	Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185

TRT#: 2

SEX: Female

DAY ON TEST: 688

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Leukemia Mononuclear	
* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Heart	Leukemia Mononuclear	
* Kidney	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]		
* Liver	Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-4]	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4, 5]		
Lymph Node	Leukemia Mononuclear	
Note: MEDIASTINAL		
[Leukemia Mononuclear TGLS = 6-2]		
* Mammary Gland	Dilatation	Minimal
* Ovary	Leukemia Mononuclear	
* Pituitary Gland	Hyperplasia	Minimal
[Hyperplasia TGLS = 7-7]		
* Skin		
Note: TGL #1-NCL		
* Spleen	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]	Thrombosis	Moderate

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		[Hepatodiaphragmatic Nodule TGLS = 3-4]	
		[Leukemia Mononuclear TGLS = 4-4, 5]	
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
		Hyperplasia	Focal, Minimal
		[Fibroadenoma TGLS = 1-11]	
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 5-7]	
* Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 2-1]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 187

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Regeneration	Minimal
* Lung	Interstitialium	Fibrosis	Mild
		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Medulla	Lymphoma Malignant	
Blood Vessel	Lymphoma Malignant	
* Bone Marrow	Lymphoma Malignant	
* Clitoral Gland	Cyst	Moderate
	Inflammation	Chronic Active, Minimal
[Cyst TGLS = 3-10]		
* Intestine Small, Duodenum	Lymphoma Malignant	
* Islets, Pancreatic	Lymphoma Malignant	
* Kidney	Lymphoma Malignant	
	Nephropathy	Minimal
* Liver	Lymphoma Malignant	
* Lung	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-4]		
* Mammary Gland	Dilatation	Mild
	Fibroadenoma	
	Lymphoma Malignant	
[Fibroadenoma TGLS = 1-11]		
* Pancreas	Lymphoma Malignant	
* Pituitary Gland	Cyst	Mild
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-1]		
* Stomach, Glandular	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9402098

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Lymphoma Malignant
* Urinary Bladder	Lymphoma Malignant
* Uterus	Lymphoma Malignant

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189

TRT#: 2

SEX: Female

DAY ON TEST: 564

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
		Pigmentation	Hemosiderin, Mild
* Liver		Leukemia Mononuclear	
Note: TGL #3-NCL			
[Leukemia Mononuclear TGLS = 2-4, 5]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
* Ovary	Follicle	Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 190

TRT#: 2

SEX: Female

DAY ON TEST: 654

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9402100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Ovary	Periovarn Tiss	Cyst	Moderate
Note: BILATERAL CYST INVOLVEMENT [Cyst TGLS = 1-10]			
* Pituitary Gland		Cyst	Mild
[Cyst TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191

TRT#: 2

SEX: Female

DAY ON TEST: 707

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Clitoral Gland		Cyst	Moderate
		Inflammation	Chronic Active, Moderate
	[Cyst TGLS = 2-10]		
Eye	Retina	Degeneration	Marked
	Lens	Mineralization	Mild
	[Degeneration TGLS = 1-11]		
	[Mineralization TGLS = 1-11]		
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4, 5]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Minimal
Mesentery	Fat	Inflammation	Chronic Active, Moderate
	[Inflammation TGLS = 3-13]		
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-7]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 8-1]		
* Stomach, Forestomach		Ulcer	Moderate
	[Ulcer TGLS = 6-4]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191	TRT#: 2	SEX: Female	DAY ON TEST: 707
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9402101

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular [Erosion TGLS = 7-12]		Erosion	Mild
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 192	TRT#: 2	SEX: Female	DAY ON TEST: 729
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9402102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	[Inflammation TGLS = 3-4, 5]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-12, 2-11]		
* Pituitary Gland		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 193

TRT#: 2

SEX: Female

DAY ON TEST: 499

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Hemorrhage	Moderate
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Hepatodiaphragmatic Nodule	
	Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 3-5]		
* Lymph Node, Mesenteric	Leukemia Mononuclear	
* Mammary Gland	Dilatation	Minimal
	Fibroadenoma	
[Fibroadenoma TGLS = 1-11]		
* Pituitary Gland	Cyst	Mild
* Spleen	Leukemia Mononuclear	
	Necrosis	Moderate
[Leukemia Mononuclear TGLS = 2-12]		
[Necrosis TGLS = 4-12]		
* Thymus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 194	TRT#: 2	SEX: Female	DAY ON TEST: 691
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9402104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Mammary Gland		Dilatation	Minimal
		Galactocele	Marked
		Hyperplasia	Cystic, Focal, Moderate
[Galactocele TGLS = 3-11]			
[Hyperplasia TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 195

TRT#: 2

SEX: Female

DAY ON TEST: 669

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9402105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Salivary Glands	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Intestine Small, Duodenum		Mesothelioma Malignant	
* Kidney			
Note: TGL#13-NCL			
* Liver		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 7-4, 5]			
* Lung		Mineralization	Minimal
Lymph Node		Pigmentation	Hemosiderin, Mild
Note: MEDIASTINAL LYMPH NODE			
[Pigmentation TGLS = 9-2]			
Mesentery	Fat	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 8-13]		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-12]			
* Ovary	Periovarn Tiss	Cyst	Moderate
[Cyst TGLS = 5-10; 6-10]		Mesothelioma Malignant	
* Pancreas		Mesothelioma Malignant	
* Parathyroid Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 12-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 195

TRT#: 2

SEX: Female

DAY ON TEST: 669

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9402105

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Cyst TGLS = 10-7]		Cyst	Mild
Skeletal Muscle [Mesothelioma Malignant TGLS = 2-7]		Mesothelioma Malignant	
* Skin [Fibroma TGLS = 1-11]	Subcut Tiss	Fibroma	
* Stomach, Forestomach		Ulcer	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland Note: TGL #11-NCL			

PRIMARY CAUSE OF DEATH

- Mesentery Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
[Adenoma TGLS = 5-10]			
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	Moderate
[Clear Cell Focus TGLS = 3-5]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Moderate
	SOA	Ulcer	Mild
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 197

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Clitoral Gland		Adenoma	
		Cyst	Marked
		Inflammation	Chronic Active, Minimal
[Adenoma TGLS = 1-10]			
[Cyst TGLS = 1-10]			
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 198

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 199

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 471
HISTO: 9402109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Jejunum
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild

[Hyperplasia TGLS = 1-11]
[Inflammation TGLS = 1-11]
[Parakeratosis TGLS = 1-11]
[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200

TRT#: 2

SEX: Female

DAY ON TEST: 374

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Vacuolization Cytoplasmic	Mild
* Kidney	Mineralization	Minimal
* Liver	Hepatodiaphragmatic Nodule	
* Lung	Mineralization	Minimal
* Nose	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

- Nose Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201

TRT#: 4

SEX: Female

DAY ON TEST: 634

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland		Mineralization	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Lung		Congestion	Mild
[Congestion TGLS = 3-2, 3]			
* Mammary Gland		Dilatation	Mild
* Nose		Inflammation	Suppurative, Mild
* Ovary		Granulosa Cell Tumor Benign	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 202

TRT#: 4

SEX: Female

DAY ON TEST: 527

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9402112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gl			
Note: TGL #1-NCL			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous Gl	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 203

TRT#: 4

SEX: Female

DAY ON TEST: 582

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
		Necrosis	Mild
		[Leukemia Mononuclear TGLS = 3-4, 5]	
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
		[Fibroadenoma TGLS = 5-11]	
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
		[Adenoma TGLS = 4-7]	
* Spleen		Leukemia Mononuclear	
		Necrosis	Moderate
		[Leukemia Mononuclear TGLS = 1-1]	
		[Necrosis TGLS = 2-11]	
* Thymus		Atrophy	Mild
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 203

TRT#: 4

SEX: Female

DAY ON TEST: 582

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402113

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204

TRT#: 4

SEX: Female

DAY ON TEST: 710

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9402114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Mineralization	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-12]			
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 205

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-13]			
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Hemosiderin, Mild
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-11]		Leukemia Mononuclear	
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
[Fibroadenoma TGLS = 1-12]		Fibroadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206

TRT#: 4

SEX: Female

DAY ON TEST: 458

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9402116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Esophagus			
Note: TGL #3-NCL			
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Necrosis	Mild
[Necrosis TGLS = 2-4]			
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Urinary Bladder		Mineralization	Mild

PRIMARY CAUSE OF DEATH

- Pancreas Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 207

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9402117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
		Mineralization	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	SOA	Hyperkeratosis	Minimal
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

- Heart Myocardium Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4, 5]		
* Lung		Mineralization	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Focal, Mild
	[Fibroadenoma TGLS = 1-11; 3-12]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
	[Hyperplasia TGLS = 2-10]		
	[Hyperplasia TGLS = 2-10]		
	[Parakeratosis TGLS = 2-10]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 209

TRT#: 4

SEX: Female

DAY ON TEST: 588

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9402119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Small, Duodenum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland		Cyst	Mild
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210

TRT#: 4

SEX: Female

DAY ON TEST: 680

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Intestine Small, Jejunum		Mineralization	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 211

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 212

TRT#: 4

SEX: Female

DAY ON TEST: 534

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain		Hemorrhage	Moderate
		Inflammation	Chronic Active, Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Intestine Large, Cecum		Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	Moderate
* Lung		Mineralization	Minimal
* Mammary Gland		Adenoma	
		Dilatation	Mild
[Adenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 3-4]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 213

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Minimal
* Ovary	Periovarn Tiss	Cyst	Marked
[Cyst TGLS = 2-11]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Parakeratosis	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 214

TRT#: 4

SEX: Female

DAY ON TEST: 403

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9402124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye		Synechia	Mild
[Synechia TGLS = 1-11]			
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-11]			
* Ovary	Periovarn Tiss	Cyst	Moderate
[Cyst TGLS = 2-10]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 215

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Vacuolization Cytoplasmic	Mild
	[Eosinophilic Focus TGLS = 2-5]		
	[Hepatodiaphragmatic Nodule TGLS = 1-11]		
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 216

TRT#: 4

SEX: Female

DAY ON TEST: 696

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 2-12]			
* Skin	Subcut Tiss	Fibroma	
	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
[Fibroma TGLS = 2-13]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 217

TRT#: 4

SEX: Female

DAY ON TEST: 489

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9402127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain		Hemangioma	
		Hemorrhage	Mild
[Hemangioma TGLS = 4-11]			
[Hemorrhage TGLS = 4-11]			
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Ovary	Periovarn Tiss	Cyst	Moderate
[Cyst TGLS = 2-10; 3-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Brain Hemangioma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 218

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland [Carcinoma TGLS = 1-10]		Carcinoma	
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric [Ectasia TGLS = 2-11]		Ectasia	Moderate
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 219

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Uterus	

OBSERVATIONS

* Bone Marrow		Inflammation	Chronic Active, Moderate
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-4]			
* Lung		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 220

TRT#: 4

SEX: Female

DAY ON TEST: 717

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Marked
		Pigmentation	Hemosiderin, Mild
	[Pigmentation TGLS = 1-1, 11]		
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung	Interstitialium	Fibrosis	Mild
		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-7]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 221

TRT#: 4

SEX: Female

DAY ON TEST: 605

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9402131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
		Hemorrhage	Moderate
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4, 5]		
* Lung		Inflammation	Chronic Active, Moderate
	[Inflammation TGLS = 4-2, 3]		
Lymph Node		Hemorrhage	Mild
	Note: MEDIASTINAL LYMPH NODE		
	[Hemorrhage TGLS = 3-2]		
* Mammary Gland		Dilatation	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-11]		

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 222

TRT#: 4

SEX: Female

DAY ON TEST: 594

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9402132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver	Hepatocyte	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
[Hyperplasia TGLS = 2-5]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Ovary	Periovarn Tiss	Cyst	Moderate
[Cyst TGLS = 1-10]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland		Cyst	Mild
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 223

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-5]			
* Mammary Gland		Dilatation	Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 224

TRT#: 4

SEX: Female

DAY ON TEST: 522

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Clitoral Gland	* Parathyroid Gland	* Urinary Bladder
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OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 2-4]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-11]		
* Pituitary Gland		Cyst	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
		Parakeratosis	Mild

PRIMARY CAUSE OF DEATH

- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 225

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
		Necrosis	Mild
	[Hepatodiaphragmatic Nodule TGLS = 1-4]		
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Ovary	Periovarn Tiss	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-7]		
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 226

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
[Adenoma TGLS = 1-10]			
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
Mesentery		Necrosis	Mild
[Necrosis TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 227

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Moderate
* Lung		Mineralization	Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
[Hemorrhage TGLS = 2-6]			
* Mammary Gland		Dilatation	Mild
* Pituitary Gland		Cyst	Mild
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 228

TRT#: 4

SEX: Female

DAY ON TEST: 518

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9402138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Small, Duodenum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Esophagus			
Note: TGL #1-NCL			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 229	TRT#: 4	SEX: Female	DAY ON TEST: 730
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 9402139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland

OBSERVATIONS

* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 230	TRT#: 4	SEX: Female	DAY ON TEST: 730
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 9402140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Moderate
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 231

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	
	[Hepatodiaphragmatic Nodule TGLS = 2-4]	Hepatodiaphragmatic Nodule	
* Mammary Gland		Dilatation	Minimal
* Ovary	Periovarn Tiss	Cyst	Marked
	[Cyst TGLS = 1-11]		
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 232

TRT#: 4

SEX: Female

DAY ON TEST: 582

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Parakeratosis	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 233

TRT#: 4

SEX: Female

DAY ON TEST: 591

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Brain		Glioma Malignant	
[Glioma Malignant TGLS = 1-6]			
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Necrosis	Mild
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Stomach, Forestomach		Hemorrhage	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Moderate

PRIMARY CAUSE OF DEATH

- Brain Glioma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 235

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Uterus	

OBSERVATIONS

* Clitoral Gland Note: TGL #1-NCL		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
Oral Mucosa [Squamous Cell Papilloma TGLS = 4-8]		Squamous Cell Papilloma	
* Ovary [Cyst TGLS = 3-10]	Periovarn Tiss	Cyst	Mild
* Pituitary Gland [Angiectasis TGLS = 2-7]	Pars Distalis	Angiectasis	Mild
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 236

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Marked
	[Vacuolization Cytoplasmic TGLS = 2-4, 5]		
* Lung		Mineralization	Minimal
* Lymph Node, Mesenteric		Pigmentation	Lipofuscin, Mild
* Mammary Gland		Dilatation	Mild
	[Fibroadenoma TGLS = 1-11]	Fibroadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 3-7]		
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 237

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-13; 4-14]			
* Mammary Gland		Carcinoma	
		Dilatation	Minimal
[Carcinoma TGLS = 1-11; 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 238	TRT#: 4	SEX: Female	DAY ON TEST: 238
	DOSE: 50 MG/KG	DISP: Natural Death	HISTO: 9402148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 239

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 3-13]			
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-11]		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 4-4, 11]			
* Lung	Interstitium	Fibrosis	Minimal
[Fibrosis TGLS = 7-2, 3]			
* Lymph Node, Mesenteric		Pigmentation	Lipofuscin, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
[Hematopoietic Cell Proliferation TGLS = 1-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 239

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402149

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 240

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Moderate
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241

TRT#: 4

SEX: Female

DAY ON TEST: 575

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
Blood Vessel		Lymphoma Malignant	
* Clitoral Gland		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node		Lymphoma Malignant	
Note: AFFECTED LYMPH NODES: RENAL, LUMBAR, MEDIASTINAL, AND BRONCHIAL [Lymphoma Malignant TGLS = 4-12; 5-13; 7-14; 8-15]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Mammary Gland		Dilatation	Mild
		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Parathyroid Gland		Lymphoma Malignant	
* Pituitary Gland		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-7]			
* Salivary Glands		Lymphoma Malignant	
* Skin	SOA	Hyperkeratosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241	TRT#: 4 DOSE: 50 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 575 HISTO: 9402151
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ORGAN AND ACCOUNTABLE SITE STATUS

	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Spleen		Congestion	Moderate
		Lymphoma Malignant	
	[Congestion TGLS = 1-11]		
	[Lymphoma Malignant TGLS = 1-11]		
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-2]		
* Thyroid Gland		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Lymph Node Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 242

TRT#: 4

SEX: Female

DAY ON TEST: 627

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9402152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum
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OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
[Adenoma TGLS = 1-10]			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 243

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Carcinoma	
		Dilatation	Minimal
		Hyperplasia	Focal, Minimal
[Carcinoma TGLS = 1-12]			
* Ovary	Follicle	Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 3-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 244

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Moderate
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-11]			
* Mammary Gland		Dilatation	Minimal
* Ovary	Periovarn Tiss	Cyst	Marked
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 245

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Intestine Small, Duodenum		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 2-4]		
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-7]		
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 246

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Moderate
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
		Necrosis	Mild
		Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-4, 5]			
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-11; 2-12; 3-13]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 247

TRT#: 4

SEX: Female

DAY ON TEST: 645

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 248

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Moderate
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 249

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Bone Marrow		Inflammation	Chronic Active, Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Cyst	Moderate
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 250

TRT#: 4

SEX: Female

DAY ON TEST: 623

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adren Cortex			
Note: TGL #5-NCL			
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Mineralization	Minimal
* Mammary Gland		Adenoma	
		Dilatation	Mild
		Hyperplasia	Focal, Minimal
[Adenoma TGLS = 1-11; 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 251

TRT#: 6

SEX: Female

DAY ON TEST: 634

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Hyperplasia	Minimal
* Lung		Congestion	Moderate
		Inflammation	Chronic Active, Minimal
			[Congestion TGLS = 3-3]
* Mammary Gland		Carcinoma	
			[Carcinoma TGLS = 1-11]
* Nose		Inflammation	Suppurative, Minimal
* Ovary	Periovarn Tiss	Cyst	Moderate
			[Cyst TGLS = 2-10]
* Pituitary Gland	Pars Distalis	Adenoma	
			[Adenoma TGLS = 4-7]
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Parakeratosis	Minimal
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 251

TRT#: 6

SEX: Female

DAY ON TEST: 634

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402161

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 252

TRT#: 6

SEX: Female

DAY ON TEST: 398

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
Eye	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

Eye

Note: TGL #1-NCL

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 253

TRT#: 6

SEX: Female

DAY ON TEST: 680

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Moderate
* Kidney		Cyst	Moderate
		Mineralization	Minimal
		Nephropathy	Mild
		Nephropathy	Minimal
[Cyst TGLS = 3-11]			
* Mammary Gland		Carcinoma	
		Dilatation	Mild
		Fibroadenoma	
[Carcinoma TGLS = 1-12]			
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Parakeratosis	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 254

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	C Cell	Adenoma	
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 729
DOSE: 100 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9402165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Heart	* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

Blood Vessel		Inflammation	Chronic Active, Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Large, Rectum		Inflammation	Chronic Active, Minimal
* Kidney		Cyst	Mild
		Nephropathy	Moderate
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
* Lymph Node, Mesenteric	Arteriole	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 4-11]			
* Mammary Gland		Dilatation	Mild
[Dilatation TGLS = 1-11]			
* Pancreas	Arteriole	Thrombosis	Moderate
[Thrombosis TGLS = 3-12]			
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402165

ORGAN AND ACCOUNTABLE SITE STATUS

Parakeratosis

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 256

TRT#: 6

SEX: Female

DAY ON TEST: 703

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye	Lens	Mineralization	Mild
[Mineralization TGLS = 1-11]			
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Leukemia Mononuclear	
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-11]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4, 5]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 256

TRT#: 6

SEX: Female

DAY ON TEST: 703

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402166

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-1]

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 257

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 2-4]		
* Lung		Mineralization	Minimal
* Lymph Node, Mesenteric		Pigmentation	Lipofuscin, Mild
* Mammary Gland		Dilatation	Mild
	[Fibroadenoma TGLS = 1-11]	Fibroadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hydrometra	Moderate
	[Polyp Stromal TGLS = 3-10]	Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 258

TRT#: 6

SEX: Female

DAY ON TEST: 361

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adren Cortex			
Note: TGL #3-NCL			
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-11]			
* Lung		Congestion	Mild
[Congestion TGLS = 4-2, 3]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 259

TRT#: 6

SEX: Female

DAY ON TEST: 722

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Colon
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-7]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	Subcut Tiss	Lipoma	
	SOA	Parakeratosis	Mild
[Lipoma TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 260

TRT#: 6

SEX: Female

DAY ON TEST: 465

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Inflammation	Chronic Active, Minimal
		Nephropathy	Minimal
* Lung		Congestion	Mild
		Mineralization	Minimal
[Congestion TGLS = 2-2, 3]			
* Skin	Subcut Tiss	Fibrosarcoma	
	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal

[Fibrosarcoma TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 261

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 262	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 9402172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lymph Node, Mesenteric		Pigmentation	Lipofuscin, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary	Follicle	Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 263 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 730
DOSE: 100 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9402173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Clitoral Gland	Bilateral	Adenoma	
		Inflammation	Chronic Active, Minimal
	[Adenoma TGLS = 1-10]		
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Lung		Inflammation	Chronic Active, Minimal
	Note: TGL #4-NCL		
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 3-7]		
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Uterus		Polyp Stromal	
	[Polyp Stromal TGLS = 2-12]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 264

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Lung		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Lymph Node, Mesenteric		Pigmentation	Lipofuscin, Mild
* Mammary Gland		Dilatation	Mild
* Ovary	Periovarn Tiss	Cyst	Moderate
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 265

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
		Pigmentation	Hemosiderin, Mild
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 266

TRT#: 6

SEX: Female

DAY ON TEST: 364

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Rectum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Glandular		

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-11]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Uterus		Congestion	Mild
[Congestion TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 267

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Pigmentation	Lipofuscin, Mild
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 268

TRT#: 6

SEX: Female

DAY ON TEST: 525

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Parakeratosis	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 269

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Mammary Gland		Dilatation	Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 270

TRT#: 6

SEX: Female

DAY ON TEST: 347

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Pancreas	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	

[Hepatodiaphragmatic Nodule TGLS = 1-4]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 271	TRT#: 6	SEX: Female	DAY ON TEST: 724
	DOSE: 100 MG/KG	DISP: Natural Death	HISTO: 9402181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Urinary Bladder
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Intestine Small, Ileum		Parasite Metazoan	
* Kidney		Inflammation	Chronic Active, Minimal
		Nephropathy	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
* Uterus		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 1-11]			

PRIMARY CAUSE OF DEATH - Uterus Leiomyosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 272

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Mild
Eye	Lens	Mineralization	Mild
[Mineralization TGLS = 1-11]			
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-5]		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Minimal
* Ovary	Periovarn Tiss	Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 273

TRT#: 6

SEX: Female

DAY ON TEST: 655

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Salivary Glands	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
[Basophilic Focus TGLS = 2-16; 3-16]			
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Minimal
[Hyperplasia TGLS = 1-11]			
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 273

TRT#: 6

SEX: Female

DAY ON TEST: 655

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402183

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hydrometra

Moderate

PRIMARY CAUSE OF DEATH

- Liver Basophilic Focus

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274

TRT#: 6

SEX: Female

DAY ON TEST: 427

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum
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OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
	SOA	Ulcer	Mild

[Hyperkeratosis TGLS = 1-11]

[Hyperplasia TGLS = 1-11]

[Hyperplasia TGLS = 1-11]

[Parakeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Intestine Small, Duodenum		Ulcer	Mild
* Kidney		Nephropathy	Marked
	[Nephropathy TGLS = 3-1]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4, 5]		
* Lung		Mineralization	Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-4]		
* Mammary Gland		Dilatation	Minimal
* Parathyroid Gland		Hyperplasia	Mild
	[Hyperplasia TGLS = 7-7]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-7]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 9402185

ORGAN AND ACCOUNTABLE SITE STATUS

	SOA	Ulcer	Mild
[Hyperkeratosis TGLS = 1-10]			
[Hyperplasia TGLS = 1-10]			
[Hyperplasia TGLS = 1-10]			
[Inflammation TGLS = 1-10]			
[Parakeratosis TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 8-4]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 276

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
		Regeneration	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4, 5]			
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 2-12]			
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 4-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 276

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402186

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperkeratosis TGLS = 1-11]

[Hyperplasia TGLS = 1-11]

[Hyperplasia TGLS = 1-11]

[Parakeratosis TGLS = 1-11]

* Spleen

Congestion

Mild

[Congestion TGLS = 3-1]

* Uterus

Hydrometra

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 277

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye	Retina	Degeneration	Marked
	Postr Chamber	Hemorrhage	Mild
[Degeneration TGLS = 1-11]			
[Hemorrhage TGLS = 1-11]			
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
* Mammary Gland		Adenoma	
[Adenoma TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278

TRT#: 6

SEX: Female

DAY ON TEST: 639

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Jejunum

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum * Intestine Large, Colon

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 279

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hemorrhage	Mild
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
			[Clear Cell Focus TGLS = 1-11]
			[Eosinophilic Focus TGLS = 2-5]
* Lung		Mineralization	Minimal
* Mammary Gland		Adenoma	
		Dilatation	Mild
* Pituitary Gland		Hyperplasia	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 280

TRT#: 6

SEX: Female

DAY ON TEST: 363

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 281

TRT#: 6

SEX: Female

DAY ON TEST: 594

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	Vagina	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear Necrosis	Mild
* Adrenal Medulla		Leukemia Mononuclear	
* Clitoral Gland		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear Mineralization Necrosis	Minimal Moderate
[Necrosis TGLS = 8-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4, 5]			
* Lung		Leukemia Mononuclear	
Lymph Node		Leukemia Mononuclear	
Note: PANCREATIC			
[Leukemia Mononuclear TGLS = 7-11]			
* Mammary Gland		Dilatation Fibroadenoma	Minimal
[Fibroadenoma TGLS = 13-12]			
Mesentery	Fat	Mineralization	Minimal
[Mineralization TGLS = 3-11]			
* Ovary	Periovarn Tiss	Cyst Leukemia Mononuclear	Mild
[Cyst TGLS = 11-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 281	TRT#: 6	SEX: Female	DAY ON TEST: 594
	DOSE: 100 MG/KG	DISP: Natural Death	HISTO: 9402191

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Leukemia Mononuclear	
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-1]		
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
		Ulcer	Mild
	[Inflammation TGLS = 9-11]		
	[Ulcer TGLS = 9-11]		
* Thymus		Hemorrhage	Moderate
	[Hemorrhage TGLS = 12-2]		
* Uterus		Hydrometra	Minimal
		Leukemia Mononuclear	
	[Hydrometra TGLS = 10-10]		
Vagina			
Note: TGL #5-NCL			

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 282

TRT#: 6

SEX: Female

DAY ON TEST: 693

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Moderate
		Hyperplasia	Focal, Moderate
Mesentery	Fat	Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Spleen		Angiectasis	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 283

TRT#: 6

SEX: Female

DAY ON TEST: 507

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 284

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
	[Adenoma TGLS = 2-10]		
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 1-4]		
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Mild
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 285

TRT#: 6

SEX: Female

DAY ON TEST: 646

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Small, Duodenum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 286

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4, 5]			
* Lung		Mineralization	Minimal
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 5-12]			
* Mammary Gland		Hyperplasia	Focal, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 2-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 286

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402196

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 2-4]			
* Mammary Gland		Carcinoma	
		Dilatation	Minimal
[Carcinoma TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Hyperkeratosis TGLS = 3-11]			
[Hyperplasia TGLS = 3-11]			
[Hyperplasia TGLS = 3-11]			
[Inflammation TGLS = 3-11]			
[Parakeratosis TGLS = 3-11]			
* Urinary Bladder		Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402197

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Cyst

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 288	TRT#: 6	SEX: Female	DAY ON TEST: 588
	DOSE: 100 MG/KG	DISP: Natural Death	HISTO: 9402198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Colon
* Intestine Small, Duodenum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Mammary Gland		Dilatation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 289

TRT#: 6

SEX: Female

DAY ON TEST: 602

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 290

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 291

TRT#: 6

SEX: Female

DAY ON TEST: 701

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Mild
[Adenoma TGLS = 3-12]			
Eye	Lens	Mineralization	Minimal
[Mineralization TGLS = 1-11]			
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 4-12]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-5]			
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
[Hyperkeratosis TGLS = 2-11]			
[Hyperplasia TGLS = 2-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 291

TRT#: 6

SEX: Female

DAY ON TEST: 701

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402201

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-11]

[Parakeratosis TGLS = 2-11]

PRIMARY CAUSE OF DEATH

- Islets, Pancreatic Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 292

TRT#: 6

SEX: Female

DAY ON TEST: 535

DOSE: 100 MG/KG

DISP: Moribund Sacrifice

HISTO: 9402202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild

PRIMARY CAUSE OF DEATH

- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 293

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 1-5; 2-11]		
* Mammary Gland		Dilatation	Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 294

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-12]			
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
[Hepatodiaphragmatic Nodule TGLS = 2-11]		Hepatodiaphragmatic Nodule	
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]		Cyst	Mild
[Cyst TGLS = 3-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 295

TRT#: 6

SEX: Female

DAY ON TEST: 595

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Small, Duodenum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 296

TRT#: 6

SEX: Female

DAY ON TEST: 36

DOSE: 100 MG/KG

DISP: Accidentally Killed

HISTO: 9402206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

OBSERVATIONS

* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Heart	Hemorrhage	Minimal
[Hemorrhage TGLS = 4-11]		
* Kidney	Mineralization	Mild
* Lung	Hemorrhage	Moderate
[Hemorrhage TGLS = 2-3; 3-2]		
* Uterus	Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- Lung Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Lauric acid diethanolamine condensate

CAS Number: 120-40-1

Date Report Requested: 10/19/2014

Time Report Requested: 09:11:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 297

TRT#: 6

SEX: Female

DAY ON TEST: 323

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum
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OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Lung		Mineralization	Minimal
* Ovary	Periovarn Tiss	Cyst	Marked
[Cyst TGLS = 1-10]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 298

TRT#: 6

SEX: Female

DAY ON TEST: 684

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum
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OBSERVATIONS

* Adren Cortex			
Note: TGL #3-NCL			
* Clitoral Gland		Cyst	Mild
[Cyst TGLS = 1-10]			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 2-1]			
* Lung		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
* Pituitary Gland		Hemorrhage	Moderate
[Hemorrhage TGLS = 4-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299

TRT#: 6

SEX: Female

DAY ON TEST: 724

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Clitoral Gland [Adenoma TGLS = 2-12; 3-12]		Adenoma	
Eye [Cataract TGLS = 1-11]		Cataract	Minimal
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Mineralization	Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299

TRT#: 6

SEX: Female

DAY ON TEST: 724

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: 9402209

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 4-10]

PRIMARY CAUSE OF DEATH

- Clitoral Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 55323-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Lauric acid diethanolamine condensate
CAS Number: 120-40-1

Date Report Requested: 10/19/2014
Time Report Requested: 09:11:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 300

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9402210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
[Adenoma TGLS = 2-10]			
* Heart	Myocardium	Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Mild
		Mineralization	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland		Cyst	Mild
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE