

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

C Number:	C91014
Lock Date:	01/02/1996
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	08/13/1997

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 653
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504211

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	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Kidney	Renal Tubule	Necrosis	Mild
* Liver		Degeneration	Mild
		Leukemia Mononuclear	
[Degeneration TGLS = 4-4, 5]			
[Leukemia Mononuclear TGLS = 4-4, 5]			
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 473
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland	* Thymus
---------------------	----------

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

Blood Vessel		Mineralization	Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
[Mineralization TGLS = 3-1]			
[Nephropathy TGLS = 3-1]			
* Parathyroid GI			
Note: TGL #4-NCL			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
Note: BILATERAL TUMOR INVOLVEMENT			
[Adenoma TGLS = 1-10]			
* Urinary Bladder	Transit Epithe	Hemorrhage	Moderate
		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Hemorrhage TGLS = 2-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:04

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 473

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504212

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-12]

[Inflammation TGLS = 2-12]

PRIMARY CAUSE OF DEATH

- Urinary Bladder Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 469
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504213

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	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
--------------------------	--------------------------

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504214

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	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
		Pigmentation	Hemosiderin, Minimal
	[Nephropathy TGLS = 4-1]		
* Liver		Basophilic Focus	
* Preputial Gland		Cyst	Moderate
* Skin	SOA, Subcut Tiss	Fibroma	
	[Fibroma TGLS = 1-12]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-12]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 603
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504215

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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Degeneration	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-12]			
* Testes	Interstit Cell	Hyperplasia	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 613
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504216

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	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 1-1]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Testes	Interstit Cell	Hyperplasia	Mild
* Thyroid Gland		Ultimobranchial Cyst	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504217

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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Skin	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

Blood Vessel		Mineralization	Moderate
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
	[Nephropathy TGLS = 3-1]	Nephropathy	Marked
* Liver		Basophilic Focus	
	[Leukemia Mononuclear TGLS = 4-4, 5]	Leukemia Mononuclear	
	[Vacuolization Cytoplasmic TGLS = 4-4, 5]	Vacuolization Cytoplasmic	Moderate
* Mammary Gland		Mineralization	Mild
* Parathyroid Gland		Hyperplasia	Moderate
	[Hyperplasia TGLS = 2-7]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-7]		
* Preputial Gland		Mineralization	Mild
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-12]		
* Stomach, Forestomach		Edema	Mild
		Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 728 HISTO: 9504217
---------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Inflammation	Suppurative, Mild
* Testes	Bilateral, Interstit Cell	Ulcer	Mild
[Adenoma TGLS = 1-10]		Mineralization	Moderate
* Thyroid Gland		Adenoma	
		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 678
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504218

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	* Nose	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Vacuolization Cytoplasmic	Mild
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 1-1]			
* Liver		Congestion	Mild
		Vacuolization Cytoplasmic	Minimal
[Congestion TGLS = 2-4, 5]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 637
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504219

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
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
--------------------------	----------------------------

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Moderate
	[Hepatocellular Carcinoma TGLS = 3-5]		
	[Hyperplasia TGLS = 4-4, 5]		
* Nose		Inflammation	Suppurative, Mild
* Parathyroid Gland		Hyperplasia	Mild
* Spleen		Leukemia Granulocytic	
	[Leukemia Granulocytic TGLS = 1-12]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-10]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 654

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504220

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
* Mammary Gland	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Inflammation	Chronic Active, Moderate
* Kidney	Renal Tubule	Adenoma	
		Cyst	Mild
		Nephropathy	Marked
			[Nephropathy TGLS = 2-1]
* Liver		Basophilic Focus	
* Lymph Node, Mesenteric		Ectasia	Moderate
* Parathyroid Gland		Hyperplasia	Moderate
			[Hyperplasia TGLS = 3-7]
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Edema	Mild
		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
		Perforation	Mild
		Ulcer	Mild
			[Perforation TGLS = 4-12]
			[Ulcer TGLS = 5-5]
* Stomach, Glandular		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 654

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504220

ORGAN AND ACCOUNTABLE SITE STATUS

Mineralization

Mild

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

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 700

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504221

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	* Nose
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Mammary Gland		Galactocele	Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Cyst	Moderate
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Perforation	Moderate
[Inflammation TGLS = 2-4]			
[Perforation TGLS = 2-4]			
* Testes		Degeneration	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12	TRT#: 1	SEX: Male	DAY ON TEST: 598
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504222

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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
--------------------------	--------------------------

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 2-5]		
* Pituitary Gland		Hemorrhage	Marked
	[Hemorrhage TGLS = 3-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:04

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 517

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4, 5]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* 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 = 2-13]			
* Testes	Interstitial Cell	Hyperplasia	Mild
* Urinary Bladder		Hemorrhage	Mild
[Hemorrhage TGLS = 1-12]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 530

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504224

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	* 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	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Inflammation	Chronic Active, Minimal
* Mammary Gland		Galactoceles	Moderate
Oral Mucosa		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 495 HISTO: 9504225
----------------------	--	--	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Urinary Bladder			

OBSERVATIONS

* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver			
Note: TGL #1-NCL			
* 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: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:04

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 542

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Mild
* Liver		Vacuolization Cytoplasmic	Mild
* Mammary Gland		Galactocele	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
* Trachea		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 712

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
--------------------------	--------------------------

OBSERVATIONS

Blood Vessel		Mineralization	Moderate
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Moderate
		Nephropathy	Moderate
[Mineralization TGLS = 1-1]			
[Nephropathy TGLS = 1-1]			
* Lung		Mineralization	Mild
* Mammary Gland		Dilatation	Moderate
* Parathyroid Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Mineralization	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Glandular		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18	TRT#: 1	SEX: Male	DAY ON TEST: 638
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504228

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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Mammary Gland		Dilatation	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
		Ulcer	Mild
* Testes	Interstitial Cell	Adenoma	
		Degeneration	Mild
	Interstitial Cell	Hyperplasia	Minimal
* Trachea		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:04

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* 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	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-7]			
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1, 12]			
* Liver		Mixed Cell Focus	
* Mammary Gland		Dilatation	Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-13]			
* Testes	Interstitial Cell	Adenoma	
		Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504230

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	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1, 12]			
* Liver		Basophilic Focus	
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Ectasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:04

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 707

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
Blood Vessel		Mineralization	Minimal
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Carcinoma	
* Kidney	Renal Tubule	Carcinoma	
		Cyst	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Mixed Cell Focus	
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 707
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504231

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma Mineralization	Mild
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
------------------------	----------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504232

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
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
* Parathyroid Gland			
Note: TGL #4-NCL; LESION IS ACTUALLY A C-CELL TUMOR OF THE THYROID GLAND			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Testes	Interstitial Cell	Adenoma	
		Degeneration	Mild
[Adenoma TGLS = 3-12]			
* Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:04

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 440

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504233

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
* Parathyroid Gland	* Pituitary 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		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Lung	Mediastinum	Fibrosis	Mild
[Fibrosis TGLS = 2-13]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Interstitial Cell	Adenoma	
	Interstitial Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

- Zymbal's Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504234

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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Salivary Glands
* Seminal Vesicle	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 6-1]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 2-12]		Dilatation	Mild
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 7-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 4-11]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 3-1]			
* Stomach, Forestomach		Edema	Moderate
		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Perforation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 728 HISTO: 9504234
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Ulcer	Moderate
* Testes	Interstit Cell	Adenoma	
		Degeneration	Mild
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 638

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Mammary Gland	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Cyst	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-11]			
* Stomach, Forestomach		Edema	Moderate
		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Perforation	Moderate
* Stomach, Glandular		Mineralization	Mild
* Testes		Degeneration	Moderate
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Oleic acid diethanolamine condensate
 CAS Number: 93-83-4

Date Report Requested: 10/21/2014
 Time Report Requested: 22:20:04
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 618

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Myelofibrosis	Mild
* Heart		Inflammation	Chronic Active, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Pigmentation	Hemosiderin, Minimal
* Liver		Leukemia Mononuclear	
		Necrosis	Mild
[Leukemia Mononuclear TGLS = 4-4, 5]			
[Necrosis TGLS = 4-4, 5]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-1]			
[Leukemia Mononuclear TGLS = 3-1]			
* Testes	Interstitial Cell	Hyperplasia	Mild
		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 1	SEX: Male	DAY ON TEST: 618
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504236

ORGAN AND ACCOUNTABLE SITE STATUS

	Necrosis	Marked
[Necrosis TGLS = 2-10]		
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 654

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
Blood Vessel		Mineralization	Mild
* Bone		Fibrous Osteodystrophy	Marked
Eye	Cornea	Edema	Mild
[Edema TGLS = 1-12]			
* Heart		Inflammation	Chronic Active, Mild
		Mineralization	Moderate
* Kidney		Cyst	Mild
		Mineralization	Mild
[Nephropathy TGLS = 4-1]		Nephropathy	Marked
* Liver		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 3-4, 5]			
* Lung		Inflammation	Chronic Active, Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 2-1]			
* Stomach, Glandular		Mineralization	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:04

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 654

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504237

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 608

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Jejunum
--------------------------	----------------------------

OBSERVATIONS

Blood Vessel		Mineralization	Mild
* Heart		Inflammation	Chronic Active, Mild
		Mineralization	Mild
[Mineralization TGLS = 11-5]			
* Kidney		Mineralization	Minimal
		Necrosis	Marked
		Nephropathy	Moderate
[Necrosis TGLS = 5-12]			
[Nephropathy TGLS = 4-1]			
* Lung		Mineralization	Minimal
Lymph Node		Ectasia	Mild
[Ectasia TGLS = 6-13; 7-12; 8-2]			
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-7]			
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Marked
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 3-12]			
* Stomach, Glandular		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 1	SEX: Male	DAY ON TEST: 608
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504238

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes [Adenoma TGLS = 2-10]	Bilateral, Interstit Cell	Adenoma	
* Urinary Bladder [Mineralization TGLS = 1-1]		Mineralization	Moderate

PRIMARY CAUSE OF DEATH - Kidney Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:04

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 614

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504239

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Spleen	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
--------------------------	--------------------------

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 5-1]			
* Liver		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 3-4, 5]			
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 4-14]			
* Parathyroid Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 6-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Basal Cell Adenoma	
		Keratoacanthoma	
[Basal Cell Adenoma TGLS = 1-12]			
[Keratoacanthoma TGLS = 2-13]			
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 614

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504239

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Inflammation

Chronic Active, Moderate

Ulcer

Mild

Inflammation

Chronic Active, Minimal

Ulcer

Minimal

* Testes

Degeneration

Mild

Interstit Cell

Hyperplasia

Minimal

[Degeneration TGLS = 8-10]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:04
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 654

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Vacuolization Cytoplasmic	Moderate
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Prostate		Cyst	Mild
Note: CYSTIC MATERIAL APPEARS MUCINOUS			
* Stomach, Forestomach		Edema	Moderate
		Inflammation	Suppurative, Mild
		Ulcer	Moderate
[Ulcer TGLS = 1-5]			
* Testes		Degeneration	Mild
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 699
DOSE: 0 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
Blood Vessel		Mineralization	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 1-1]			
* Liver		Vacuolization Cytoplasmic	Minimal
Lymph Node			
Note: TGL #2-NCL			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Cyst	Mild
		Inflammation	Chronic Active, Minimal
[Cyst TGLS = 5-11]			
* Prostate		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 4-12]			
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Hyperplasia	Basal Cell, Mild
		Inflammation	Chronic Active, Marked
		Ulcer	Mild
* Stomach, Glandular		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31	TRT#: 1	SEX: Male	DAY ON TEST: 699
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504241

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes		Degeneration	Mild
	Interstit Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 549

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 1-1]			
* Mammary Gland		Pigmentation	Hemosiderin, Mild
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Hyperkeratosis	Moderate
	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Ulcer	Mild
[Hyperplasia TGLS = 3-12; 4-12]			
* Testes	Interstitial Cell	Adenoma	
		Degeneration	Mild
	Interstitial Cell	Hyperplasia	Minimal
		Mineralization	Mild
[Degeneration TGLS = 2-10]			
* Urinary Bladder		Papilloma	

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 674

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504243

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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Mild
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Mammary Gland		Hyperplasia	Marked
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 5-11]			
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 1
DOSE: 0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9504244

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla [Pheochromocytoma Benign TGLS = 5-7]		Pheochromocytoma Benign	
* Epididymis		Mesothelioma Malignant	
* Heart		Inflammation	Chronic Active, Mild
* Islets, Pancreatic [Carcinoma TGLS = 9-12]		Carcinoma	
* Kidney [Nephropathy TGLS = 3-1]		Nephropathy	Moderate
* Liver [Leukemia Mononuclear TGLS = 6-4, 5]		Angiectasis	Minimal
		Basophilic Focus	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Minimal
Mesentery [Mesothelioma Malignant TGLS = 1-12]		Mesothelioma Malignant	
* Pituitary Gland [Adenoma TGLS = 8-7]	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen [Leukemia Mononuclear TGLS = 4-1]		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 728 HISTO: 9504244
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma Degeneration	Moderate
	Interstit Cell	Hyperplasia	Mild

[Adenoma TGLS = 2-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504245

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	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Hyperplasia	Moderate
		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Cyst	Mild
[Cyst TGLS = 2-11]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 706

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504246

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	* Lymph Node, Mandibular
* Nose	* Pancreas	* Salivary Glands	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Moderate
		[Nephropathy TGLS = 5-1]	
* Liver		Leukemia Mononuclear	
		Necrosis	Mild
		[Leukemia Mononuclear TGLS = 2-4, 5]	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Congestion	Mild
		[Congestion TGLS = 8-4]	
* Mammary Gland		Dilatation	Mild
Mesentery	Fat	Inflammation	Chronic Active, Mild
		Mineralization	Mild
		[Inflammation TGLS = 7-12]	
		[Mineralization TGLS = 7-12]	
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 6-7]	
* Preputial Gland		Cyst	Marked
		Inflammation	Minimal
		[Cyst TGLS = 4-11]	
* Prostate		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 1	SEX: Male	DAY ON TEST: 706
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504246

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle		Inflammation	Chronic Active, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Stomach, Glandular		Mineralization	Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
Note: UNILATERAL INVOLVEMENT			
[Adenoma TGLS = 3-10]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 659

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
Blood Vessel		Mineralization	Mild
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Inflammation	Chronic Active, Mild
		Mineralization	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Marked
	[Nephropathy TGLS = 2-1, 12]		
* Liver		Angiectasis	Moderate
		Basophilic Focus	
	[Angiectasis TGLS = 5-12]		
* Lung		Inflammation	Chronic Active, Mild
* Parathyroid Gland		Hyperplasia	Mild
	[Hyperplasia TGLS = 3-7]		
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	[Adenoma TGLS = 4-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
* Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Moderate
	[Fibrosis TGLS = 6-1]		
* Stomach, Glandular		Mineralization	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 1	SEX: Male	DAY ON TEST: 659
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504247

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes		Degeneration	Mild
	Interstit Cell	Hyperplasia	Minimal
[Degeneration TGLS = 1-10]			

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
------------------------	----------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 506

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504248

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, Jejunum	* Islets, Pancreatic	* Lung	* 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

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Intestine Small, Ileum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Lipoma	
[Lipoma TGLS = 1-12]			
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 440

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504249

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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
Eye		Degeneration	Moderate
	Lens	Mineralization	Mild
	[Degeneration TGLS = 1-12]		
	[Mineralization TGLS = 1-12]		
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Pigmentation	Hemosiderin, Minimal
* Liver		Degeneration	Minimal
	[Degeneration TGLS = 3-4, 5]		
* Lung		Hemangiosarcoma	Metastatic (Skin)
	[Hemangiosarcoma TGLS = 5-2, 3]		
Mesentery	Fat	Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 4-12]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 6-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 7-12]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-1]		
* Testes	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 440

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504249

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Skin Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 623

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
Blood Vessel		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Epididymis		Mesothelioma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node		Lymphoma Malignant	
Note: PANCREATIC LYMPH NODE AFFECTED			
[Lymphoma Malignant TGLS = 5-12]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-4]			
* Mammary Gland		Dilatation	Mild
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-1; 3-13]			
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 1	SEX: Male	DAY ON TEST: 623
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504250

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Inflammation	Chronic Active, Mild
* Testes	Ulcer	Mild
	Lymphoma Malignant	
	Degeneration	Marked
[Degeneration TGLS = 1-10]	Hyperplasia	Minimal
* Thymus	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 571

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504251

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, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adren Cortex			
Note: TGL #4-NCL			
Blood Vessel		Mineralization	Moderate
* Heart		Inflammation	Chronic Active, Mild
		Mineralization	Moderate
[Mineralization TGLS = 6-5]			
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 2-1, 12; 3-1, 12]			
* Mammary Gland		Galactocele	Mild
* Pancreas	Acinus	Atrophy	Moderate
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Prostate		Hyperplasia	Mild
[Hyperplasia TGLS = 1-11]			
* Urinary Bladder		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 574
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504252

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	* 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 Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
--------------------------	---------------------------	--------------------------	----------------------------

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Lym Node Mesen			
Note: TGL #3-NCL			
* Mammary Gland		Galactocele	Mild
* 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: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 293

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6; 4-6]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4, 5]			
* Lung		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Testes	Interstitial Cell	Hyperplasia	Mild
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Brain Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 647

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504254

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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Intestine Small, Jejunum		Inflammation	Chronic Active, Mild
* Kidney		Pigmentation	Hemosiderin, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric [Ectasia TGLS = 2-12]		Ectasia	Moderate
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland [Adenoma TGLS = 1-7]	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 580

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
		Pigmentation	Hemosiderin, Mild
[Nephropathy TGLS = 1-1]			
[Pigmentation TGLS = 1-1]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hyperplasia TGLS = 4-4, 5]			
[Leukemia Mononuclear TGLS = 4-4, 5]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 5-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Testes		Degeneration	Moderate
	Interstit Cell	Hyperplasia	Moderate
[Degeneration TGLS = 3-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 580

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504255

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46	TRT#: 1	SEX: Male	DAY ON TEST: 638
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504256

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Interstit Cell C Cell	Hyperplasia Adenoma	Mild
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 634

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504257

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
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum * Intestine Small, Jejunum

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Degeneration	Moderate
[Degeneration TGLS = 3-1]			
* Liver		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Cyst TGLS = 4-7]		Cyst	Marked
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate

Note: UNILATERAL INVOLVEMENT
[Adenoma TGLS = 2-10]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 634

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504257

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 694
DOSE: 0 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Pancreas
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
Blood Vessel		Mineralization	Mild
[Mineralization TGLS = 7-7]			
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Mineralization	Moderate
		Thrombosis	Marked
[Thrombosis TGLS = 6-5]			
* Kidney	Renal Tubule	Adenoma	
		Cyst	Moderate
		Mineralization	Mild
		Nephropathy	Marked
[Cyst TGLS = 2-1]			
[Nephropathy TGLS = 1-1]			
* Liver		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 3-4, 5]			
* Lung		Mineralization	Mild
* Nose		Inflammation	Suppurative, Moderate
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 694 HISTO: 9504258
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Hyperplasia	Basal Cell, Minimal
* Stomach, Glandular		Mineralization	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Carcinoma	

[Carcinoma TGLS = 5-7]

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
-------------------------------	----------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 653

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504259

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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
Blood Vessel		Leukemia Mononuclear	
* Bone Marrow		Myelofibrosis	Mild
* Heart		Leukemia Mononuclear	
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 4-1]			
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-4]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4, 5]			
* Mammary Gland		Dilatation	Mild
* Parathyroid GI			
Note: TGL #6-NCL			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
[Leukemia Mononuclear TGLS = 1-1]		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-10]			
* Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 653

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504259

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- Thymus Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 700

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mesenteric	* Thymus
--------------------------	----------

AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Small, Jejunum
--------------------------	----------------------------

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
Blood Vessel		Mineralization	Moderate
* Bone		Fibrous Osteodystrophy	Marked
* Heart		Mineralization	Moderate
* Kidney		Mineralization	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Vacuolization Cytoplasmic	Moderate
* Lung		Mineralization	Minimal
* Mammary Gland		Galactocele	Marked
		Mineralization	Minimal
[Galactocele TGLS = 4-12]			
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-12]			
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland		Hemorrhage	Marked
[Hemorrhage TGLS = 5-7]			
* Preputial Gland		Cyst	Mild
[Cyst TGLS = 2-11]			
* Stomach, Forestomach		Mineralization	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 1	SEX: Male	DAY ON TEST: 700
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504260

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLS = 6-10]	Degeneration	Mild
* Urinary Bladder		Fibrosis	Minimal

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
-------------------------------	----------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 707

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504261

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Leukemia Mononuclear	
Harderian Gland		Hyperplasia	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Cyst	Mild
		Leukemia Mononuclear	
		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 8-4]			
[Hyperplasia TGLS = 6-12]			
[Leukemia Mononuclear TGLS = 5-4, 5]			
[Mixed Cell Focus TGLS = 7-5]			
* Lung		Leukemia Mononuclear	
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Mineralization	Mild
[Inflammation TGLS = 9-13]			
[Mineralization TGLS = 9-13]			
* Parathyroid Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 707 HISTO: 9504261
----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 10-7]			
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-13]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Degeneration	Mild
[Adenoma TGLS = 1-10]			
[Degeneration TGLS = 2-10]			
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504262

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	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Cyst	Moderate
		Nephropathy	Mild
[Nephropathy TGLS = 2-1]			
* Liver		Angiectasis	Moderate
		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4, 5]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]			
* Pituitary Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52	TRT#: 3	SEX: Male	DAY ON TEST: 728
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504262

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 3-1]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 659

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504263

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
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Cyst	Moderate
		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
* Mammary Gland		Dilatation	Moderate
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Marked
* Skin	Subcut Tiss	Fibroma	
	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Minimal
[Fibrosis TGLS = 1-1]			
* Stomach, Forestomach		Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53	TRT#: 3	SEX: Male	DAY ON TEST: 659
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504263

ORGAN AND ACCOUNTABLE SITE STATUS

	Inflammation	Chronic Active, Moderate
	Perforation	Moderate
[Perforation TGLS = 4-12]		
* Testes	Interstitial Cell	Hyperplasia
		Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 611
DOSE: 50 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504264

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	* Mammary Gland	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1, 12]			
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 6-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-11]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
[Hyperkeratosis TGLS = 2-12]			
* Stomach, Forestomach		Edema	Mild
		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Perforation	Moderate
		Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54	TRT#: 3	SEX: Male	DAY ON TEST: 611
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504264

ORGAN AND ACCOUNTABLE SITE STATUS

[Perforation TGLS = 5-13]

[Ulcer TGLS = 7-5+12]

* Testes	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 653

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Medulla		Mineralization	Moderate
	Bilateral	Pheochromocytoma Benign	
Blood Vessel		Mineralization	Marked
[Mineralization TGLS = 3-7]			
* Bone		Fibrous Osteodystrophy	Marked
* Heart		Inflammation	Chronic Active, Moderate
		Mineralization	Marked
* Intestine Large, Colon		Mineralization	Minimal
* Intestine Small, Duodenum		Mineralization	Minimal
* Kidney		Cyst	Mild
		Mineralization	Moderate
		Nephropathy	Marked
[Mineralization TGLS = 1-1]			
[Nephropathy TGLS = 1-1]			
* Lung		Mineralization	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
Note: INCREASED NUMBERS OF EPITHELIAL-LIKE CELLS			
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 653 HISTO: 9504265
----------------------	---	--	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Mineralization	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mineralization	Minimal

[Adenoma TGLS = 2-10]

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
-------------------------------	----------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 580

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504266

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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Moderate
* Kidney		Cyst	Mild
	Renal Tubule	Hyperplasia	Oncocytic, Moderate
		Nephropathy	Marked
	[Nephropathy TGLS = 2-1]		
* Liver		Basophilic Focus	
* Parathyroid Gland		Hyperplasia	Mild
	[Hyperplasia TGLS = 3-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	[Hyperkeratosis TGLS = 1-12]		
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Perforation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 3	SEX: Male	DAY ON TEST: 580
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504266

ORGAN AND ACCOUNTABLE SITE STATUS

[Perforation TGLS = 4-12]		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma Degeneration	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 706

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Small, Ileum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Salivary Glands
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

Blood Vessel [Mineralization TGLS = 6-7]		Mineralization	Marked
* Bone		Fibrous Osteodystrophy	Moderate
* Heart [Thrombosis TGLS = 5-5]		Mineralization	Marked
		Thrombosis	Marked
* Intestine Large, Colon		Mineralization	Mild
* Intestine Large, Rectum		Mineralization	Mild
* Intestine Small, Duodenum		Inflammation	Chronic Active, Mild
		Mineralization	Minimal
* Intestine Small, Jejunum		Inflammation	Chronic Active, Mild
		Mineralization	Minimal
* Kidney [Mineralization TGLS = 2-1, 12] [Nephropathy TGLS = 2-1, 12]		Cyst	Moderate
		Inflammation	Suppurative, Moderate
		Mineralization	Mild
		Nephropathy	Marked
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Moderate
* Parathyroid Gland [Hyperplasia TGLS = 3-7]		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 706

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504267

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-7]

* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Mineralization	Moderate
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Ulcer	Minimal

[Hyperkeratosis TGLS = 7-12]

* Stomach, Glandular		Mineralization	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 224

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504268

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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Prostate	* Salivary Glands	* Seminal Vesicle	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 612

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504269

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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Mammary Gland		Dilatation	Mild
[Galactocele TGLS = 1-12]		Galactocele	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Perforation	Mild
[Perforation TGLS = 5-12]			
* Testes		Degeneration	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 612

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504269

ORGAN AND ACCOUNTABLE SITE STATUS

[Degeneration TGLS = 2-10]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 615

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504270

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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum * Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Histiocytic Sarcoma	
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

[Histiocytic Sarcoma TGLS = 1-12]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 607

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504271

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	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 7-4, 5]			
* Mammary Gland		Dilatation	Minimal
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 5-12]			
* Parathyroid GI			
Note: TGL #4-NCL; PROBABLY CORRESPONDS TO THYROID FOLLICULAR CELL CARCINOMA PRESENT IN THYROID GLAND			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 607 HISTO: 9504271
----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 8-1]		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperkeratosis Hyperplasia Inflammation Perforation	Moderate Moderate Chronic Active, Moderate Mild
* Stomach, Glandular [Perforation TGLS = 6-5]		Perforation	
* Testes	Interstit Cell Interstit Cell	Adenoma Hyperplasia Mineralization	Minimal Minimal
[Adenoma TGLS = 1-10] [Mineralization TGLS = 1-10]			
* Thyroid Gland	Follicular Cel	Carcinoma	
PRIMARY CAUSE OF DEATH	- Stomach, Glandular Perforation		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504272

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, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
	Bilateral	Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLS = 3-7]		
* Heart		Inflammation	Chronic Active, Mild
* Intestine Small, Ileum		Ulcer	Moderate
* Kidney		Cyst	Mild
		Nephropathy	Moderate
	[Nephropathy TGLS = 2-1]		
* Liver		Basophilic Focus	
* Lymph Node, Mesenteric		Ectasia	Moderate
	[Ectasia TGLS = 4-12]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504273

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
* Mammary Gland	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
* Pituitary Gland		Cyst	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA, Subcut Tiss	Fibrosarcoma	
	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
[Fibrosarcoma TGLS = 1-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 580

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* 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	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 1-1]			
* Liver		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Dilatation	Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Edema	Minimal
		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 636
DOSE: 50 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 5-7]			
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Cyst	Mild
[Nephropathy TGLS = 4-1]		Nephropathy	Marked
* Lymph Node, Mesenteric		Ectasia	Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Salivary Glands		Carcinoma	
* Skin	Epidermis	Cyst	Moderate
	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
[Cyst TGLS = 2-12]			
[Parakeratosis TGLS = 1-12]			
* Stomach, Forestomach		Edema	Mild
		Hyperkeratosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 636 HISTO: 9504275
----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium	Hyperplasia Inflammation Perforation	Mild Chronic Active, Mild Moderate
[Perforation TGLS = 7-13]			
* Testes		Degeneration	Minimal
[Degeneration TGLS = 3-10]	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 668

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504276

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	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy Pigmentation Leukemia Mononuclear	Minimal Hemosiderin, Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4, 5]			
* Lung		Leukemia Mononuclear	
Mesentery	Fat	Inflammation	Chronic Active, Moderate
	Fat	Mineralization	Mild
[Inflammation TGLS = 4-12]			
[Mineralization TGLS = 4-12]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Depletion Cellular Leukemia Mononuclear	Moderate
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66	TRT#: 3	SEX: Male	DAY ON TEST: 668
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504276

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 5-4]		Inflammation	Chronic Active, Moderate
* Testes		Ulcer	Mild
Note: BILATERAL INVOLVEMENT	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 603

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 3-11]			
* Intestine Small, Duodenum		Mesothelioma Malignant	
* Intestine Small, Ileum		Mesothelioma Malignant	
* Intestine Small, Jejunum		Mesothelioma Malignant	
* Kidney		Casts	Moderate
	Renal Tubule	Degeneration	Moderate
Note: BLOOD CASTS			
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
		Mesothelioma Malignant	
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 1-12]			
* Pancreas		Mesothelioma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Prostate		Mesothelioma Malignant	
* Seminal Vesicle		Mesothelioma Malignant	
* Skin	SOA	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 603 HISTO: 9504277
----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Mesothelioma Malignant
* Stomach, Glandular		Mesothelioma Malignant
* Testes	Bilateral, Interstit Cell	Adenoma Mesothelioma Malignant
[Adenoma TGLS = 2-10]		
* Urinary Bladder		Mesothelioma Malignant

PRIMARY CAUSE OF DEATH - Mesentery Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 567

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Brain			
Note: TGL #5-NCL			
* Heart		Inflammation	Chronic Active, Mild
		Thrombosis	Moderate
[Thrombosis TGLS = 4-5]			
* Pituitary Gland		Hyperplasia	Mild
* Prostate		Inflammation	Suppurative, Mild
* Skin	SOA	Hyperkeratosis	Moderate
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Moderate
	SOA	Parakeratosis	Mild
[Hyperkeratosis TGLS = 1-12]			
[Parakeratosis TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-12]			
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 567 HISTO: 9504278
----------------------	---	--	--

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 6-12]		Ulcer	Mild
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Heart Thrombosis
-------------------------------	--------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 591
DOSE: 50 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504279

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	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Mild
		Vacuolization Cytoplasmic	Moderate
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
	[Leukemia Mononuclear TGLS = 4-4, 5]		
* Lung		Leukemia Mononuclear	
* Mammary Gland		Galactocele	Mild
* Skin	SOA	Hyperkeratosis	Moderate
	SOA	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
		Necrosis	Moderate
	[Leukemia Mononuclear TGLS = 1-12]		
	[Necrosis TGLS = 2-12]		
* Stomach, Forestomach		Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Mild
		Hyperplasia	Basal Cell, Minimal
		Inflammation	Chronic Active, Moderate
		Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 591 HISTO: 9504279
----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 5-12]			
* Testes	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Minimal
Note: UNILATERAL INVOLVEMENT [Adenoma TGLS = 3-10]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
------------------------	------------------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 580

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Mammary Gland	* Nose	* Pancreas
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 2-7]			
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 1-1]			
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperkeratosis	Moderate
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Ulcer	Moderate
[Ulcer TGLS = 3-12]			
* Stomach, Glandular		Mineralization	Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 580

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504280

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 483
DOSE: 50 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
Blood Vessel		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
		Pigmentation	Hemosiderin, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4, 5]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2, 3]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 3-7]			
[Leukemia Mononuclear TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Leukemia Mononuclear	
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 483 HISTO: 9504281
----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
* Spleen [Leukemia Mononuclear TGLS = 1-12]		Leukemia Mononuclear	
* Stomach, Forestomach		Hyperkeratosis	Minimal
		Inflammation	Suppurative, Minimal
		Ulcer	Minimal
* Stomach, Glandular		Erosion	Moderate
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 5-10]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504282

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	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 1-7]	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 497

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Bone	* Bone Marrow	* Heart	* Intestine Large, Cecum
* Intestine Small, Ileum	* Stomach, Glandular		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Inflammation	Chronic Active, Minimal
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Prostate		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
[Hyperkeratosis TGLS = 4-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Degeneration	Mild
[Degeneration TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 497

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504283

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 611

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504284

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	* Mammary Gland	* Nose	* Pancreas
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Spleen
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland	* Thymus
--------------------------	---------------------	----------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 1-1]			
* Liver		Hepatodiaphragmatic Nodule	
		Vacuolization Cytoplasmic	Mild
[Hepatodiaphragmatic Nodule TGLS = 3-5]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Prostate		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Marked
	SOA	Ulcer	Marked
* Stomach, Forestomach		Edema	Mild
		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Perforation	Moderate
[Perforation TGLS = 4-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 611 HISTO: 9504284
----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Necrosis	Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 528
DOSE: 50 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Pigmentation	Hemosiderin, Mild
[Pigmentation TGLS = 2-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4, 5]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Ulcer	Mild
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75	TRT#: 3	SEX: Male	DAY ON TEST: 528
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504285

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 1-12]

* Stomach, Forestomach

Epithelium

Hyperkeratosis

Minimal

Hyperplasia

Minimal

Inflammation

Chronic Active, Mild

Ulcer

Moderate

* Testes

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 551
DOSE: 50 MG/KG **DISP:** Natural Death **HISTO:** 9504286

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	* Islets, Pancreatic
* Kidney	* Liver	* 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

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Minimal
* Lung	Serosa	Fibrosis	Mild
* Mammary Gland		Dilatation	Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
		Degeneration	Mild
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Degeneration TGLS = 2-10]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 630

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Salivary Glands
* Spleen	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Blood Vessel		Mineralization	Marked
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Inflammation	Chronic Active, Mild
		Mineralization	Moderate
* Intestine Large, Colon		Mineralization	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Marked
			[Mineralization TGLS = 4-1]
			[Nephropathy TGLS = 4-1]
* Liver		Vacuolization Cytoplasmic	Marked
			[Vacuolization Cytoplasmic TGLS = 2-4, 5]
* Lung		Mineralization	Mild
* Mammary Gland		Galactocele	Marked
			[Galactocele TGLS = 3-12]
* Parathyroid Gland		Hyperplasia	Moderate
			[Hyperplasia TGLS = 5-7]
* Pituitary Gland	Pars Distalis	Adenoma	
		Mineralization	Minimal
			[Adenoma TGLS = 1-7]
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Mineralization	Mild
* Seminal Vesicle		Mineralization	Moderate
* Skin	SOA	Hyperkeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 630 HISTO: 9504287
----------------------	---	--	--

ORGAN AND ACCOUNTABLE SITE STATUS

	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Mineralization	Minimal
* Stomach, Glandular		Mineralization	Moderate
* Testes		Degeneration	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 699

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Jejunum
--------------------------	--------------------------	----------------------------

OBSERVATIONS

Blood Vessel [Mineralization TGLS = 3-7]		Mineralization	Moderate
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Mineralization	Mild
* Kidney		Cyst	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Minimal
* Lung		Hemorrhage	Mild
* Parathyroid Gland		Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
* Stomach, Forestomach		Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78	TRT#: 3	SEX: Male	DAY ON TEST: 699
	DOSE: 50 MG/KG	DISP: Natural Death	HISTO: 9504288

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL #4-NCL			
* Stomach, Glandular		Mineralization	Moderate
* Testes	Interstit Cell	Adenoma	
		Degeneration	Moderate
	Interstit Cell	Hyperplasia	Minimal
		Mineralization	Marked

[Mineralization TGLS = 1-10]

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
-------------------------------	----------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504289

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	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 5-1]			
* Liver		Basophilic Focus	
[Mixed Cell Focus TGLS = 3-4; 4-5]		Mixed Cell Focus	
* Mammary Gland		Galactocele	Marked
[Galactocele TGLS = 1-12]			
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 6-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504289

ORGAN AND ACCOUNTABLE SITE STATUS

Follicle

Cyst

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 611

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mesenteric
* Nose	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Thymus
--------------------------	----------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Inflammation	Chronic Active, Minimal
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Marked
		[Nephropathy TGLS = 4-1, 12]	
* Mammary Gland		Galactocele	Marked
		[Galactocele TGLS = 2-13]	
* Parathyroid Gland		Hyperplasia	Moderate
		[Hyperplasia TGLS = 7-7]	
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 5-7]	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Skin	SOA	Hyperkeratosis	Moderate
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild
		[Hyperkeratosis TGLS = 1-12]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 611

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504290

ORGAN AND ACCOUNTABLE SITE STATUS

[Parakeratosis TGLS = 1-12]

* Stomach, Forestomach

Epithelium

Edema
Hyperkeratosis
Hyperplasia
Inflammation
Perforation
Ulcer

Moderate
Moderate
Moderate
Chronic Active, Moderate
Mild
Marked

[Perforation TGLS = 8-13]

[Ulcer TGLS = 9-13]

* Testes

[Degeneration TGLS = 3-10]

* Thyroid Gland

C Cell

Degeneration

Moderate

Adenoma

Note: UNILATERAL INVOLVEMENT

[Adenoma TGLS = 6-7]

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 623

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504291

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	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Mineralization	Minimal
		Pigmentation	Hemosiderin, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4, 5]			
* Lymph Node, Mesenteric		Ectasia	Moderate
* Mammary Gland		Galactocele	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Prostate		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-11]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-12]			
[Leukemia Mononuclear TGLS = 3-12]			
* Stomach, Forestomach		Inflammation	Suppurative, Minimal
		Ulcer	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 623

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504291

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 674
DOSE: 50 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504292

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	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Inflammation	Chronic Active, Mild
* Intestine Small, Jejunum		Ulcer	Mild
[Ulcer TGLS = 6-13]			
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 7-12]			
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4, 5]			
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 5-4, 12]			
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82	TRT#: 3	SEX: Male	DAY ON TEST: 674
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504292

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosarcoma TGLS = 1-13]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 637

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504293

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	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 1-12]			
* Testes	Interstit Cell	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 621

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504294

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	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Inflammation	Chronic Active, Mild
		Thrombosis	Moderate
[Thrombosis TGLS = 9-14]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Moderate
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 8-12]			
[Hyperplasia TGLS = 6-4, 5]			
[Mixed Cell Focus TGLS = 7-13]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-7]			
* Prostate		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 3-11]			
* Skin	SOA	Hyperkeratosis	Moderate
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 621 HISTO: 9504294
----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 5-12] [Hematopoietic Cell Proliferation TGLS = 4-12] * Stomach, Forestomach	Hematopoietic Cell Proliferation Edema Inflammation Ulcer	Marked Moderate Suppurative, Moderate Minimal
--	--	--

PRIMARY CAUSE OF DEATH - Heart Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 653

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504295

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
* Mammary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1, 12]			
* Liver		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Marked
Mesentery	Fat	Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 2-12]			
* Nose		Inflammation	Chronic Active, Marked
* Pancreas	Acinus	Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
* Prostate		Inflammation	Suppurative, Moderate
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Moderate
[Hyperkeratosis TGLS = 1-12]			
[Hyperplasia TGLS = 1-12]			
[Hyperplasia TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85	TRT#: 3	SEX: Male	DAY ON TEST: 653
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504295

ORGAN AND ACCOUNTABLE SITE STATUS

[Parakeratosis TGLS = 1-12] [Ulcer TGLS = 1-12] * Stomach, Forestomach	Epithelium	Hyperkeratosis Hyperplasia Inflammation Perforation	Mild Minimal Chronic Active, Moderate Moderate
[Perforation TGLS = 4-13; 5-13] * Stomach, Glandular * Testes	Interstit Cell	Ulcer Adenoma Degeneration	Mild Mild
* Thyroid Gland	Interstit Cell C Cell	Hyperplasia Adenoma	Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504296

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
* Mammary Gland	* Nose	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
		Pigmentation	Hemosiderin, Minimal
[Nephropathy TGLS = 5-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4, 5]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-2]			
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86	TRT#: 3	SEX: Male	DAY ON TEST: 728
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504296

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10]		Mineralization	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 331

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504297

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	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* 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	* Intestine Small, Jejunum
--------------------------	--------------------------	----------------------------

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Minimal
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 1-4]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 638

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504298

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	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Marked
* Liver		Vacuolization Cytoplasmic	Moderate
* Mammary Gland		Dilatation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Suppurative, Moderate
* Stomach, Forestomach		Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Moderate
[Perforation TGLS = 2-4]		Perforation	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]		Degeneration	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 638
DOSE: 50 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504299

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	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
[Hepatodiaphragmatic Nodule TGLS = 2-5]		Hepatodiaphragmatic Nodule	
* Mammary Gland		Galactocele	Moderate
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
		Ulcer	Mild
* Testes	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89	TRT#: 3	SEX: Male	DAY ON TEST: 638
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504299

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 654
DOSE: 50 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* 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	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Inflammation	Chronic Active, Mild
		Thrombosis	Mild
[Thrombosis TGLS = 4-5]			
* Kidney	Renal Tubule	Adenoma	
		Cyst	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 3-1, 12]			
* Mammary Gland		Dilatation	Moderate
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 6-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Cyst	Marked
		Inflammation	Chronic Active, Minimal
[Cyst TGLS = 1-12]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90	TRT#: 3	SEX: Male	DAY ON TEST: 654
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504300

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10]			
* Thyroid Gland	Follicle	Cyst	Moderate
[Cyst TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504301

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	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Cyst	Mild
	[Nephropathy TGLS = 2-1]	Nephropathy	Moderate
* Liver		Basophilic Focus	
	[Basophilic Focus TGLS = 3-5]	Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504302

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	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

Blood Vessel		Mineralization	Mild
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Cyst	Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Lung		Mineralization	Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 5-12]			
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
[Hyperkeratosis TGLS = 1-12]			
* Stomach, Forestomach		Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Mineralization	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504302

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 2-10]

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504303

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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Angiectasis	Mild
		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504303

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504304

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	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
		Degeneration	Moderate
	Interstit Cell	Hyperplasia	Minimal
Note: UNILATERAL INVOLVEMENT			
[Adenoma TGLS = 2-10]			
[Degeneration TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 554
DOSE: 50 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504305

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	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-5]			
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 603

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* 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			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Jejunum
--------------------------	--------------------------	----------------------------

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 696

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504307

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	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
* Stomach, Forestomach		Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Testes		Degeneration	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504308

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	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 6-5]		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4, 5]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-7]		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98	TRT#: 3 DOSE: 50 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 728 HISTO: 9504308
----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	
		Degeneration	Moderate
	Interstit Cell	Hyperplasia	Minimal
	[Adenoma TGLS = 2-10]		
	[Degeneration TGLS = 1-10]		
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 440

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504309

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	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Mild
* Lung		Inflammation	Granulomatous, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Ulcer	Minimal
* Stomach, Forestomach		Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
	[Adenoma TGLS = 1-10]		
* Urinary Bladder		Calculus Micro Observation Only	
		Hemorrhage	Moderate
		Inflammation	Chronic Active, Minimal
		Ulcer	Mild
	[Calculus Micro Observation Only TGLS = 2-12]		
	[Hemorrhage TGLS = 2-12]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 440

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504309

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-12]

[Ulcer TGLS = 2-12]

PRIMARY CAUSE OF DEATH

- Urinary Bladder Calculus Micro Observation Only

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 549

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504310

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	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 3-4]		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 2-4, 5]			
* Mammary Gland		Dilatation	Mild
[Galactocele TGLS = 4-12]		Galactocele	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 549

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504310

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperkeratosis TGLS = 6-5]

Ulcer

Moderate

* Testes

Mineralization

Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101

TRT#: 5

SEX: Male

DAY ON TEST: 713

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504311

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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

Blood Vessel		Mineralization	Moderate
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Mineralization	Mild
* Kidney		Cyst	Mild
		Mineralization	Mild
		Nephropathy	Marked
[Mineralization TGLS = 4-1]			
[Nephropathy TGLS = 4-1]			
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 5-4, 5]			
* Mammary Gland		Dilatation	Minimal
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 6-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Cyst	Marked
		Inflammation	Chronic Active, Moderate
[Cyst TGLS = 3-11]			
[Inflammation TGLS = 3-11]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101	TRT#: 5 DOSE: 100MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 713 HISTO: 9504311
-----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 1-12]	SOA	Ulcer	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Mineralization	Minimal
* Stomach, Glandular		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mineralization	Mild
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 647

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504312

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Complex	
[Pheochromocytoma Complex TGLS = 1-12]			
* Heart		Inflammation	Chronic Active, Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Fibrosis	Mild
Note: FOCAL, SUBPLEURAL LOCATION			
* Nose		Inflammation	Suppurative, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Adrenal Medulla Pheochromocytoma Complex

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 580

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504313

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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Thrombosis	Moderate
	[Thrombosis TGLS = 8-5]		
* Kidney		Pigmentation	Hemosiderin, Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
	[Hepatodiaphragmatic Nodule TGLS = 7-4]		
	[Hyperplasia TGLS = 3-4, 5]		
* Lymph Node, Mesenteric		Ectasia	Minimal
	[Ectasia TGLS = 6-4]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-12]		
* Testes	Interstitial Cell	Adenoma	
		Degeneration	Mild
	Interstitial Cell	Hyperplasia	Minimal
		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 580

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504313

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-10]

[Degeneration TGLS = 4-10]

[Mineralization TGLS = 5-10]

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 676

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Moderate
Blood Vessel		Mineralization	Mild
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Inflammation	Chronic Active, Mild
		Mineralization	Mild
* Kidney		Cyst	Moderate
		Mineralization	Minimal
		Nephropathy	Marked
[Cyst TGLS = 4-1]			
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Dilatation	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104	TRT#: 5	SEX: Male	DAY ON TEST: 676
	DOSE: 100MG/KG	DISP: Natural Death	HISTO: 9504314

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
		Degeneration	Mild
[Adenoma TGLS = 1-10]			
[Degeneration TGLS = 2-10]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 576

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

Blood Vessel		Mineralization	Mild
* Heart		Inflammation	Chronic Active, Mild
		Mineralization	Mild
* Kidney		Mineralization	Moderate
		Nephropathy	Mild
* Pituitary Gland		Cyst	Marked
[Cyst TGLS = 2-7]			
* Skin	SOA	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Congestion	Mild
[Congestion TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Mild
* Stomach, Glandular		Mineralization	Mild
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Pituitary Gland Cyst

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 723

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
Blood Vessel		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-5]			
* Intestine Small, Duodenum		Ulcer	Moderate
* Intestine Small, Jejunum		Leiomyosarcoma	
		Leukemia Mononuclear	
[Leiomyosarcoma TGLS = 9-14]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
		Pigmentation	Hemosiderin, Minimal
[Nephropathy TGLS = 6-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4, 5]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Leukemia Mononuclear	
[Fibroadenoma TGLS = 2-14]			
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 10-13]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106	TRT#: 5	SEX: Male	DAY ON TEST: 723
	DOSE: 100MG/KG	DISP: Moribund Sacrifice	HISTO: 9504316

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas			
Note: TGL #5-NCL			
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 8-7]			
* Preputial Gland		Leukemia Mononuclear	
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous Gl	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Hyperkeratosis TGLS = 1-12]			
[Parakeratosis TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
* Stomach, Forestomach		Edema	Mild
		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Moderate
[Ulcer TGLS = 12-13]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Bilateral, C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 497

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504317

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, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 1-4, 5]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Stomach, Forestomach		Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Mild
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504318

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	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Pigmentation	Hemosiderin, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Moderate
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
[Hyperkeratosis TGLS = 1-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Cyst	Mild
		Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 482

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504319

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Marked
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504320

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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
Lymph Node			
Note: TGL #5-NCL; TISSUE NOT ENLARGED PANCREATIC LYMPH NODE BUT NORMAL PANCREAS			
* Mammary Gland		Galactocele	Mild
* Pancreas	Acinus	Adenoma	
	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	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Marked
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110	TRT#: 5	SEX: Male	DAY ON TEST: 728
	DOSE: 100MG/KG	DISP: Terminal Sacrifice	HISTO: 9504320

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperkeratosis TGLS = 1-10] [Parakeratosis TGLS = 1-10] * Stomach, Forestomach	Epithelium	Hyperkeratosis Hyperplasia Hyperplasia Inflammation	Mild Moderate Basal Cell, Minimal Chronic Active, Minimal
* Testes [Adenoma TGLS = 3-10]	Interstit Cell	Adenoma Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504321

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	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
	[Nephropathy TGLS = 4-1]	Nephropathy	Moderate
* Liver		Basophilic Focus	
	Note: TGL #3-NCL; NO MICROSCOPIC BASIS FOR GRANULAR, DEFORMITY		
* Lymph Node, Mesenteric		Ectasia	Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Cyst	Marked
* Skin	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-1]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 591

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-4, 5]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		
* Stomach, Forestomach		Edema	Mild
		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

Note: UNILATERAL INVOLVEMENT

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504323

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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Epididymis		Mesothelioma Malignant	
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 5-1]			
* Liver		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
Note: HEAD SKIN LESION TGL #1-NCL			
* Spleen		Fibrosis	Minimal
[Fibrosis TGLS = 4-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
[Adenoma TGLS = 2-12]			
[Mesothelioma Malignant TGLS = 3-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Inflammation	Chronic Active, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 6-12]			
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4, 5]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Ectasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Spleen	Capsule	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hyperplasia TGLS = 4-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504324

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 3-12]

* Testes

Bilateral, Interstit Cell

Adenoma

[Adenoma TGLS = 1-10]

* Thyroid Gland

Follicular Cel

Carcinoma

[Carcinoma TGLS = 5-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 549

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504325

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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
[Nephropathy TGLS = 2-1]			
* Mammary Gland		Galactoceles	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 532

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Small, Duodenum	* Intestine Small, Ileum	* 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	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* 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	* Salivary Glands	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
	Bilateral	Pheochromocytoma Benign	
Blood Vessel		Mineralization	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
		Mineralization	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Marked
		Pigmentation	Hemosiderin, Mild
	[Nephropathy TGLS = 3-1]		
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4, 5]		
* Lung		Leukemia Mononuclear	
* Mammary Gland		Leukemia Mononuclear	
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
	[Adenoma TGLS = 6-7]		
* Preputial Gland		Leukemia Mononuclear	
* Prostate		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117	TRT#: 5	SEX: Male	DAY ON TEST: 727
	DOSE: 100MG/KG	DISP: Moribund Sacrifice	HISTO: 9504327

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Minimal
[Hyperkeratosis TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Stomach, Forestomach		Hyperkeratosis	Moderate
	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-4]			
* Stomach, Glandular		Mineralization	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-10]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504328

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			

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Galactoceles	Marked
[Galactoceles TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
[Hyperkeratosis TGLS = 2-10]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 529

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* 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	* Intestine Small, Jejunum
--------------------------	--------------------------	----------------------------

OBSERVATIONS

* Bone [Chordoma TGLS = 1-12]	Vertebra	Chordoma	
* Heart		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Bone Vertebra Chordoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504330

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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Eye	Retina	Degeneration	Marked
	Lens	Mineralization	Minimal
	[Degeneration TGLS = 1-12]		
	[Mineralization TGLS = 1-12]		
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLS = 5-1]		
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 4-5]	Mixed Cell Focus	
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 7-7]		
* Preputial Gland		Adenoma	
	[Adenoma TGLS = 3-12]	Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120	TRT#: 5	SEX: Male	DAY ON TEST: 728
	DOSE: 100MG/KG	DISP: Terminal Sacrifice	HISTO: 9504330

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 6-12]		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma Degeneration	Marked
	Interstit Cell	Hyperplasia	Minimal
Note: DEGENERATION AND INTERSTITIAL CELL ADENOMA PRESENT UNILATERALLY IN OPPOSITE TESTES [Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell Follicle	Adenoma Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 703

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504331

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	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-4]		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Galactocele	Mild
[Galactocele TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 4-12]			
* Stomach, Forestomach		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 6-12]			
* Testes		Degeneration	Moderate
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 703

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504331

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* 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

* Heart		Inflammation	Chronic Active, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Lung		Fibrosis	Mild
[Fibrosis TGLS = 2-3]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 638

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Mild
* Pituitary GI			
Note: TGL #4-NCL			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Fibrosis	Marked
	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Mineralization	Moderate

[Fibrosis TGLS = 1-12]

[Hyperkeratosis TGLS = 2-10, 12]

[Mineralization TGLS = 1-12]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 638

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504333

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 3-1]

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 638

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504334

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	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Galactocele	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid GI			
Note: TGL #5-NCL			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
		Degeneration	Mild
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 638

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504334

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Carcinoma

[Carcinoma TGLS = 4-7]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 677

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Thyroid Gland	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Mild
Blood Vessel		Mineralization	Marked
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Mineralization	Marked
* Intestine Large, Colon		Mineralization	Mild
* Intestine Large, Rectum		Mineralization	Moderate
* Intestine Small, Duodenum		Mineralization	Moderate
* Kidney		Mineralization	Moderate
		Nephropathy	Marked
[Mineralization TGLS = 3-1]			
[Nephropathy TGLS = 3-1]			
* Lung		Mineralization	Moderate
* Mammary Gland		Galactocele	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-11]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125	TRT#: 5 DOSE: 100MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 677 HISTO: 9504335
-----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	SOA	Inflammation	Chronic Active, Minimal
* Stomach, Glandular		Mineralization	Marked
* Testes	Bilateral, Interstit Cell	Mineralization	Marked
[Adenoma TGLS = 2-10]		Adenoma	
* Urinary Bladder		Mineralization	Mild

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126	TRT#: 5	SEX: Male	DAY ON TEST: 628
	DOSE: 100MG/KG	DISP: Natural Death	HISTO: 9504336

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	* Islets, Pancreatic
* Lung	* 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	

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
[Nephropathy TGLS = 3-1]			
* Liver		Necrosis	Mild
[Necrosis TGLS = 2-4, 5]			
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10]			
* Urinary Bladder		Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH - Mesentery Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 638

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504337

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	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
		Mineralization	Minimal
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 554

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504338

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	* 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			

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Testes	Interstit Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504339

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	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 661
DOSE: 100MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Inflammation	Chronic Active, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-11]			
* Seminal Vesicle		Inflammation	Chronic Active, Moderate
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
[Hyperkeratosis TGLS = 1-12]			
[Parakeratosis TGLS = 1-12]			
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Testes		Degeneration	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 661

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504340

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 618

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504341

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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
[Nephropathy TGLS = 4-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4, 5]			
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 7-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
[Hyperkeratosis TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-13]			
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131	TRT#: 5	SEX: Male	DAY ON TEST: 618
	DOSE: 100MG/KG	DISP: Moribund Sacrifice	HISTO: 9504341

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Basal Cell, Minimal
		Inflammation	Chronic Active, Mild
		Ulcer	Mild
[Ulcer TGLS = 8-13]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 636

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504342

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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney [Pigmentation TGLS = 2-1]		Pigmentation	Hemosiderin, Mild
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland [Adenoma TGLS = 3-7]	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin [Hyperkeratosis TGLS = 1-10]	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
* Stomach, Forestomach		Edema	Minimal
		Inflammation	Suppurative, Mild
		Ulcer	Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 710

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504343

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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 2-1]			
* Liver		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
Skeletal Muscle		Inflammation	Chronic Active, Marked
Note: AFFECTED MUSCLE IS DIAPHRAGM			
[Inflammation TGLS = 5-12]			
* Skin	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Minimal
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Ulcer	Mild
[Ulcer TGLS = 4-5]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 710

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504343

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 703

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
Blood Vessel		Mineralization	Moderate
[Mineralization TGLS = 6-7]			
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Mineralization	Moderate
[Mineralization TGLS = 3-5]			
* Intestine Large, Cecum		Mineralization	Mild
* Intestine Large, Colon		Mineralization	Moderate
* Intestine Small, Duodenum		Mineralization	Mild
* Kidney		Mineralization	Moderate
[Mineralization TGLS = 2-1, 12]		Nephropathy	Marked
[Nephropathy TGLS = 2-1, 12]			
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung		Mineralization	Moderate
* Lymph Node, Mesenteric		Ectasia	Moderate
* Mammary Gland		Dilatation	Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 7-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]		Mineralization	Mild
* Skin	SOA	Hyperkeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134

TRT#: 5
DOSE: 100MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST: 703
HISTO: 9504344

ORGAN AND ACCOUNTABLE SITE STATUS

	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Moderate
	[Fibrosis TGLS = 4-12]		
* Stomach, Forestomach		Mineralization	Moderate
* Stomach, Glandular		Mineralization	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 1-10]		

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 676

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504345

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	* 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		

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
[Basophilic Focus TGLS = 2-5]			
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	SOA, Subcut Tiss	Fibrosarcoma	
	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
[Fibrosarcoma TGLS = 1-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 644

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504346

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	* 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			

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Cyst	Mild
* Mammary Gland		Galactoceles	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 535

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* 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	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

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

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 5
DOSE: 100MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 535
HISTO: 9504347

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Epithelium

Hyperkeratosis
Hyperplasia
Inflammation
Perforation
Squamous Cell Papilloma
Ulcer

Moderate
Moderate
Chronic Active, Moderate
Mild
Moderate

[Ulcer TGLS = 4-12]

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 526

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504348

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	* Lung	* 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

* Kidney [Nephropathy TGLS = 4-1]		Nephropathy	Minimal
* Parathyroid Gland [Hyperplasia TGLS = 5-7]		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland [Carcinoma TGLS = 1-12]		Carcinoma	
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 3-1]		Hematopoietic Cell Proliferation	Moderate
* Testes [Adenoma TGLS = 2-10]	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504349

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, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 3-1]			
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
[Hyperkeratosis TGLS = 1-10]			
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
		Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
		Necrosis	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* 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	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Mild
* Epididymis		Mesothelioma Malignant	
* Heart		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Carcinoma	
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Marked
	[Nephropathy TGLS = 2-1, 12]		
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Mild
* Parathyroid Gland		Hyperplasia	Mild
	[Hyperplasia TGLS = 4-7]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 5-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Mild
	[Fibrosis TGLS = 3-12]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140	TRT#: 5 DOSE: 100MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 728 HISTO: 9504350
-----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Mineralization	Moderate
* Testes [Degeneration TGLS = 1-10]		Degeneration	Moderate
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504351

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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

Blood Vessel		Mineralization	Moderate
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Inflammation	Chronic Active, Moderate
		Mineralization	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Marked
	[Nephropathy TGLS = 3-1]		
* Liver		Angiectasis	Minimal
		Mixed Cell Focus	
* Parathyroid Gland		Hyperplasia	Moderate
	[Hyperplasia TGLS = 4-7]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	[Parakeratosis TGLS = 1-12]		
* Stomach, Glandular		Mineralization	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 141

TRT#: 5
DOSE: 100MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9504351

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10]

Mineralization

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Inflammation	Chronic Active, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 3-9]			
* Liver		Basophilic Focus	
		Mixed Cell Focus	
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Galactoceles	Marked
[Galactoceles TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 4-7]			
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 580

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504353

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	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Dilatation	Mild
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Prostate		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-12]			
* Seminal Vesicle		Inflammation	Chronic Active, Moderate
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 631

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Intestine Large, Cecum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
	Renal Tubule	Regeneration	Mild
* Liver		Leukemia Mononuclear	
		Necrosis	Mild
		[Leukemia Mononuclear TGLS = 4-4, 5]	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Moderate
		[Inflammation TGLS = 7-12]	
		[Necrosis TGLS = 7-12]	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144	TRT#: 5	SEX: Male	DAY ON TEST: 631
	DOSE: 100MG/KG	DISP: Natural Death	HISTO: 9504354

ORGAN AND ACCOUNTABLE SITE STATUS

	SOA	Inflammation	Chronic Active, Moderate
	SOA	Parakeratosis	Marked
	SOA	Ulcer	Moderate
	[Hyperplasia TGLS = 1-12]		
	[Hyperplasia TGLS = 1-12]		
	[Inflammation TGLS = 1-12]		
	[Parakeratosis TGLS = 1-12]		
	[Ulcer TGLS = 1-12]		
* Spleen		Leukemia Mononuclear Necrosis	Moderate
	[Leukemia Mononuclear TGLS = 3-12]		
	[Necrosis TGLS = 5-12]		
* Testes	Interstit Cell	Adenoma Degeneration Hyperplasia	Moderate Marked
	Interstit Cell		
Note: UNILATERAL INVOLVEMENT			
	[Adenoma TGLS = 6-10]		
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:05

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 502

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* 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	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla	* Thymus
-------------------	----------

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Brain		Hemorrhage	Mild
* Heart		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	SOA	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 638

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504356

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	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Cyst	Mild
		Nephropathy	Minimal
	[Cyst TGLS = 5-1]		
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 4-4]		
	[Leukemia Mononuclear TGLS = 3-4, 5]		
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-7]		
* Prostate		Inflammation	Chronic Active, Moderate
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-12]		
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLS = 6-10]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 638

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504356

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 696

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504357

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, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Intestine Small, Duodenum		Ulcer	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
		Pigmentation	Hemosiderin, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4, 5]			
* Mammary Gland		Dilatation	Mild
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Testes	Interstitial Cell	Adenoma	
		Degeneration	Mild
	Interstitial Cell	Hyperplasia	Minimal

Note: UNILATERAL INVOLVEMENT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 696

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504357

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:05
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 611

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504358

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	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 1-1, 12]			
* Liver		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
* Mammary Gland		Galactocele	Moderate
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 2-12]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 674

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504359

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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4, 5]			
* Lung		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-12]			
* Pituitary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 3-11]			
* Skin	Subcut Tiss	Fibrosarcoma	
	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
[Fibrosarcoma TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149	TRT#: 5	SEX: Male	DAY ON TEST: 674
	DOSE: 100MG/KG	DISP: Moribund Sacrifice	HISTO: 9504359

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma Mineralization	Mild
----------	---------------------------	---------------------------	------

[Adenoma TGLS = 6-10]

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504360

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	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

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

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504360

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-10]

Interstit Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 151	TRT#: 2	SEX: Female	DAY ON TEST: 641
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Small, Duodenum	* Islets, Pancreatic	* Liver
* 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	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
--------------------------	---------------------------	--------------------------	----------------------------

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 152

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504362

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	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-7]			
* Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 153

TRT#: 2

SEX: Female

DAY ON TEST: 698

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504363

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	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Cyst Inflammation	Moderate Chronic Active, Moderate
[Cyst TGLS = 7-10] [Inflammation TGLS = 7-10]			
Eye	Retina	Degeneration Mineralization	Moderate Minimal
[Degeneration TGLS = 1-11]			
* Heart		Inflammation	Chronic Active, Minimal
* Islets, Pancreatic		Vacuolization Cytoplasmic	Mild
* Kidney		Mineralization	Minimal
		Pigmentation	Hemosiderin, Minimal
* Liver		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Vacuolization Cytoplasmic	Moderate
[Hyperplasia TGLS = 4-5; 5-11] [Inflammation TGLS = 6-4, 5, 11]			
* Mammary Gland		Dilatation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 8-7]			
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 153

TRT#: 2

SEX: Female

DAY ON TEST: 698

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504363

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 3-1]

[Hematopoietic Cell Proliferation TGLS = 2-1]

PRIMARY CAUSE OF DEATH

- Liver Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 154

TRT#: 2

SEX: Female

DAY ON TEST: 423

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504364

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	* 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	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
--------------------------	---------------------------	--------------------------	----------------------------

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 155

TRT#: 2

SEX: Female

DAY ON TEST: 524

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Lung	* 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	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
--------------------------	---------------------------	--------------------------	----------------------------

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
[Adenoma TGLS = 3-10]			
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-11]			
* Pituitary Gland		Cyst	Mild
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
		Melanoma Malignant	
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
[Hyperplasia TGLS = 2-11]			
[Hyperplasia TGLS = 2-11]			
[Melanoma Malignant TGLS = 1-12]			
[Parakeratosis TGLS = 2-11]			
[Ulcer TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 156

TRT#: 2

SEX: Female

DAY ON TEST: 668

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Liver	* 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	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
--------------------------	---------------------------	--------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex	Angiectasis	Mild
* Pituitary Gland	Cyst	Mild

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Cyst

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157

TRT#: 2

SEX: Female

DAY ON TEST: 653

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504367

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		

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-12]			
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate

PRIMARY CAUSE OF DEATH

- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 158

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 586
HISTO: 9504368

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, Ileum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* 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 Small, Jejunum
--------------------------	----------------------------

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Ovary [Cyst TGLS = 1-10]	Periovarn Tiss	Cyst	Marked
* Pituitary Gland [Adenoma TGLS = 2-7] [Cyst TGLS = 2-7]	Pars Distalis	Adenoma Cyst	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 159

TRT#: 2

SEX: Female

DAY ON TEST: 437

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Small, Duodenum	* Islets, Pancreatic	* Liver	* 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, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Kidney	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 160

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 579
HISTO: 9504370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Vacuolization Cytoplasmic	Mild
* Bone Marrow	Histiocytic Sarcoma	
* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Kidney	Nephropathy	Minimal
	Pigmentation	Hemosiderin, Moderate
[Nephropathy TGLS = 5-1]		
* Liver	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-4, 5]		
* Lung	Histiocytic Sarcoma	
* Lymph Node, Mandibular	Histiocytic Sarcoma	
* Lymph Node, Mesenteric	Histiocytic Sarcoma	
* Ovary	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-10]		
* Parathyroid Gland		
Note: TGL #6-NCL		
* Pituitary Gland	Angiectasis	Moderate
[Angiectasis TGLS = 2-7]		
* Spleen	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-1]		
* Stomach, Glandular	Ulcer	Mild
* Thymus	Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 161

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504371

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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye	Retina	Degeneration	Marked
[Degeneration TGLS = 1-11]			
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
* Ovary	Periovarn Tiss	Cyst	Marked
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Uterus		Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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
* Mammary Gland	* 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
* Bone	Osteosclerosis	Moderate
* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Kidney	Mineralization	Minimal
* Liver	Basophilic Focus	
* Pituitary Gland	Angiectasis	Moderate
	Cyst	Mild

[Angiectasis TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 163

TRT#: 2

SEX: Female

DAY ON TEST: 696

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504373

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 |
| * Liver | * 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 | | | |

AUTO PRECLUDES DIAG.

- | | |
|--------------------------|---------------------------|
| * Intestine Large, Cecum | * Intestine Large, Rectum |
|--------------------------|---------------------------|

OBSERVATIONS

- | | | | |
|--------------------------|---------------|----------------------|----------------------|
| * Clitoral Gland | | Inflammation | Chronic Active, Mild |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Mineralization | Minimal |
| * Mammary Gland | | Dilatation | Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 1-7] | | | |
| * Thyroid Gland | | Ultimobranchial Cyst | Mild |

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504374

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
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-3]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165

TRT#: 2

SEX: Female

DAY ON TEST: 497

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Small, Duodenum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* 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
* Heart	Inflammation	Chronic Active, Mild
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-4]		
* Mammary Gland	Fibroadenoma	
[Fibroadenoma TGLS = 1-11]		
Oviduct	Cyst	Moderate
* Thyroid Gland	Ultimobranchial Cyst	Mild

PRIMARY CAUSE OF DEATH

- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 166

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504376

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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
* Pituitary Gland		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Skin	SOA	Hyperkeratosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167

TRT#: 2

SEX: Female

DAY ON TEST: 462

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504377

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	* 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		Inflammation	Chronic Active, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Galactocele	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone		Osteosclerosis	Moderate
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Ulcer	Mild
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 692
DOSE: 0 MG/KG **DISP:** Natural Death **HISTO:** 9504379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Nose

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum * Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland	Bilateral	Adenoma	
		Inflammation	Chronic Active, Minimal
	[Adenoma TGLS = 2-10]		
* Heart		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 3-7]		
* Skin	SOA	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
	[Parakeratosis TGLS = 1-11]		
	[Ulcer TGLS = 1-11]		
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170

TRT#: 2

SEX: Female

DAY ON TEST: 513

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504380

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, Ileum
* Islets, Pancreatic	* Liver	* 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	* Intestine Small, Jejunum
--------------------------	----------------------------

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504381

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		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
Note: TGL #3-NCL			
* Lung		Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-7, 11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 172

TRT#: 2

SEX: Female

DAY ON TEST: 447

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504382

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum * Intestine Small, Ileum

OBSERVATIONS

* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Kidney	Cyst	Moderate
* Pituitary Gland	Cyst	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

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: 728

HISTO: 9504383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone		Osteosclerosis	Moderate
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4, 5]			
* Mammary GI			
Note: TGL #1-NCL, BECAUSE TISSUE MISSING			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-11]			
[Leukemia Mononuclear TGLS = 2-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 174

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504384

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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Accessory Spleen	
Note: ACCESSORY SPLEEN LOCATED NEAR PANCREAS			
[Accessory Spleen TGLS = 3-11]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 175

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504385

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
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11; 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 176

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504386

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

- * Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	[Angiectasis TGLS = 2-7]		
* Uterus		Hemorrhage	Marked
	[Hemorrhage TGLS = 1-11]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 177

TRT#: 2

SEX: Female

DAY ON TEST: 676

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* 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, Rectum	* Intestine Small, Ileum
--------------------------	---------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone		Osteosclerosis	Moderate
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate

[Angiectasis TGLS = 1-7]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178

TRT#: 2

SEX: Female

DAY ON TEST: 529

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* 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, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Bone		Osteosclerosis	Moderate
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-11]			
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 179

TRT#: 2

SEX: Female

DAY ON TEST: 560

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504389

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, 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 | * Intestine Large, Rectum | * Intestine Small, Ileum |
|--------------------------|---------------------------|--------------------------|

OBSERVATIONS

- | | | | |
|--|---------------|----------------------------|-------------------------|
| * Clitoral Gland | | Inflammation | Chronic Active, Minimal |
| * Heart | | Inflammation | Chronic Active, Minimal |
| * Kidney | | Mineralization | Minimal |
| * Liver | | Hepatodiaphragmatic Nodule | |
| [Hepatodiaphragmatic Nodule TGLS = 2-11] | | | |
| Mesentery | Fat | Inflammation | Chronic Active, Mild |
| [Inflammation TGLS = 1-11] | | | |
| * Pituitary Gland | Pars Distalis | Angiectasis | Mild |
| [Angiectasis TGLS = 3-7] | | | |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 180

TRT#: 2

SEX: Female

DAY ON TEST: 462

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504390

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	* Mammary Gland	* Nose
* Ovary	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
	[Nephropathy TGLS = 1-1]		
* Liver		Vacuolization Cytoplasmic	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181

TRT#: 2

SEX: Female

DAY ON TEST: 635

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504391

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
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
		Vacuolization Cytoplasmic	Moderate
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Pigmentation	Hemosiderin, Minimal
[Pigmentation TGLS = 3-1]			
* Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 2-4, 5]			
[Vacuolization Cytoplasmic TGLS = 2-4, 5]			
Lymph Node		Ectasia	Mild
Note: ALSO SOME CONGESTION			
[Ectasia TGLS = 4-2]			
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182

TRT#: 2

SEX: Female

DAY ON TEST: 545

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504392

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	* Kidney	* 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	* Intestine Large, Rectum
--------------------------	---------------------------

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 183

TRT#: 2

SEX: Female

DAY ON TEST: 706

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504393

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	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
	[Pigmentation TGLS = 2-1]	Pigmentation	Hemosiderin, Minimal
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 3-4]	Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-1]		

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184

TRT#: 2

SEX: Female

DAY ON TEST: 635

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504394

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	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Ovary		Sarcoma	
[Sarcoma TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 185

TRT#: 2

DOSE: 0 MG/KG

SEX: Female

DISP: Natural Death

DAY ON TEST: 610

HISTO: 9504395

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, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland	* Thymus
---------------------	----------

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Clitoral Gland		Cyst	Marked
		Inflammation	Chronic Active, Minimal
[Cyst TGLS = 1-11]			
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Lung		Adenoma	
Note: Lung Adenoma is mucinous.			
* Mammary Gland		Fibroadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186	TRT#: 2	SEX: Female	DAY ON TEST: 728
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504396

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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
	[Adenoma TGLS = 2-11]		
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 187

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 188

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504398

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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 2-7]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 1-1]		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189

TRT#: 2

SEX: Female

DAY ON TEST: 641

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Jejunum
--------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye			
Note: TGL #3-NCL			
* Heart		Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Salivary Glands		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 190

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 695
HISTO: 9504400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
--------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex	Leukemia Mononuclear	
* Adrenal Medulla	Leukemia Mononuclear	
[Pheochromocytoma Benign TGLS = 3-7]	Pheochromocytoma Benign	
Blood Vessel	Leukemia Mononuclear	
* Brain	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]		
* Clitoral Gland	Inflammation	Chronic Active, Minimal
	Leukemia Mononuclear	
* Heart	Inflammation	Chronic Active, Mild
* Kidney	Leukemia Mononuclear	
	Mineralization	Minimal
* Liver	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4, 5]		
* Lung	Leukemia Mononuclear	
* Ovary	Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma
		Leukemia Mononuclear
[Adenoma TGLS = 4-7]		
* Spleen	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 190	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 695 HISTO: 9504400
-----------------------	--	--	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperkeratosis Hyperplasia Inflammation	Mild Moderate Chronic Active, Mild
[Hyperplasia TGLS = 5-4]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191

TRT#: 2

SEX: Female

DAY ON TEST: 602

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Colon	* 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
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Jejunum
--------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Casts Protein	Mild
	Renal Tubule	Hyperplasia	Minimal
		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 192

TRT#: 2

SEX: Female

DAY ON TEST: 694

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504402

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
* Mammary Gland	* 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		Adenoma	
		Inflammation	Chronic Active, Moderate
[Adenoma TGLS = 1-10]			
[Inflammation TGLS = 1-10]			
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 193

TRT#: 2

SEX: Female

DAY ON TEST: 679

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
Lymph Node	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
	[Adenoma TGLS = 3-10]		
* Heart		Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Inflammation	Chronic Active, Mild
Lymph Node			
	Note: MEDIASTINAL LYMPH NODE-TGL #1-NCL		
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-7]		
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 194

TRT#: 2

SEX: Female

DAY ON TEST: 296

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Liver	* 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 Small, Ileum	* Intestine Small, Jejunum
--------------------------	--------------------------	----------------------------

OBSERVATIONS

* Esophagus	Foreign Body
-------------	--------------

Note: IMPACTION WITH FOOD AND DEBRIS
[Foreign Body TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- Esophagus Foreign Body

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 195

TRT#: 2

SEX: Female

DAY ON TEST: 429

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* 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.

* Esophagus

OBSERVATIONS

* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Intestine Small, Duodenum [Carcinoma TGLS = 1-11]	Carcinoma	
* Pituitary Gland	Cyst	Mild

PRIMARY CAUSE OF DEATH

- Intestine Small, Duodenum Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 196

TRT#: 2

SEX: Female

DAY ON TEST: 571

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Colon
* Lung
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Pancreas
* Skin
* Thymus
* Uterus

Blood Vessel
* Esophagus
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Bone
* Heart
* Liver
* Mammary Gland
* Pituitary Gland
* Stomach, Forestomach
* Trachea

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

* Intestine Large, Rectum

* Intestine Small, Ileum

* Intestine Small, Jejunum

OBSERVATIONS

* Clitoral Gland
* Kidney
* Ovary
[Cyst TGLS = 1-10]

Periovarn Tiss

Inflammation
Mineralization
Cyst

Chronic Active, Minimal
Minimal
Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 197

TRT#: 2

SEX: Female

DAY ON TEST: 614

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504407

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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Mild
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Hyperplasia	Mild
[Angiectasis TGLS = 3-7]			
* Thyroid Gland		Atrophy	Mild
[Atrophy TGLS = 4-7]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 198

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504408

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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Degeneration	Moderate
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Vagina		Hypertrophy	Marked
[Hypertrophy TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 199

TRT#: 2

SEX: Female

DAY ON TEST: 635

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504409

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	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Clitoral Gland			
Note: TGL #2-NCL			
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Necrosis	Minimal
		Fibroadenoma	
* Mammary Gland			
[Fibroadenoma TGLS = 1-11]			
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 3-11]			
* Pituitary Gland		Angiectasis	Moderate
		Cyst	Marked
[Angiectasis TGLS = 4-7]			
[Cyst TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200

TRT#: 2

SEX: Female

DAY ON TEST: 718

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504410

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	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Mild
		Thrombosis	Marked
	[Thrombosis TGLS = 6-5]		
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
	Note: TGL #5-NCL		
	[Basophilic Focus TGLS = 4-4, 5]		
* Lung		Inflammation	Chronic Active, Mild
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-11]		
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 7-7]		
* Stomach, Forestomach		Ulcer	Moderate
	[Ulcer TGLS = 8-11]		

PRIMARY CAUSE OF DEATH

- Heart Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201

TRT#: 4

SEX: Female

DAY ON TEST: 289

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504411

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, 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 Small, Jejunum
--------------------------	----------------------------

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild

[Parakeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 202

TRT#: 4

SEX: Female

DAY ON TEST: 397

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504412

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 | * Lung | * 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 | * Intestine Large, Rectum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
|--------------------------|---------------------------|--------------------------|----------------------------|

OBSERVATIONS

- | | | | |
|-------------------------------|-------------------|----------------|----------------------|
| * Kidney | | Mineralization | Minimal |
| * Pituitary Gland | | Cyst | Minimal |
| [Cyst TGLS = 2-7] | | | |
| * Skin | SOA | Hyperkeratosis | Minimal |
| | SOA | Hyperplasia | Moderate |
| | SOA, Sebaceous GI | Hyperplasia | Moderate |
| | SOA | Inflammation | Chronic Active, Mild |
| | SOA | Parakeratosis | Mild |
| | SOA | Ulcer | Mild |
| [Parakeratosis TGLS = 1-11] | | | |
| [Ulcer TGLS = 1-11] | | | |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 203

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504413

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-5]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Minimal
[Parakeratosis TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 203

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504413

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204

TRT#: 4

SEX: Female

DAY ON TEST: 722

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504414

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	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-11]			
* Kidney		Nephropathy	Minimal
[Nephropathy TGLS = 5-1]			
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Minimal
[Hyperkeratosis TGLS = 1-11]			
* Urinary Bladder	Transit Epithe	Carcinoma	
		Mineralization	Mild
[Carcinoma TGLS = 4-1]			
[Mineralization TGLS = 3-1]			

PRIMARY CAUSE OF DEATH - Urinary Bladder Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204

TRT#: 4

SEX: Female

DAY ON TEST: 722

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504414

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 205

TRT#: 4

SEX: Female

DAY ON TEST: 622

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung
* 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	* Intestine Small, Ileum
--------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Intestine Small, Jejunum		Inflammation	Chronic Active, Marked
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504416

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	* Kidney	* 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

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 3-5]			
* Mammary Gland		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-11]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
[Hyperkeratosis TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 207

TRT#: 4

SEX: Female

DAY ON TEST: 541

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504417

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	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Thymus

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild

[Parakeratosis TGLS = 1-11]

[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208

TRT#: 4

SEX: Female

DAY ON TEST: 547

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 6-7]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Leukemia Mononuclear	
* Intestine Small, Jejunum		Necrosis	Mild
* Kidney		Mineralization	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4, 5]			
* Lung		Leukemia Mononuclear Necrosis	Moderate
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Necrosis	Mild
Mesentery	Fat	Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 4-11]			
* Ovary		Leukemia Mononuclear	
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208	TRT#: 4	SEX: Female	DAY ON TEST: 547
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504418

ORGAN AND ACCOUNTABLE SITE STATUS

	SOA	Ulcer	Mild
[Hyperkeratosis TGLS = 1-11]			
[Hyperplasia TGLS = 1-11]			
[Hyperplasia TGLS = 1-11]			
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Leukemia Mononuclear Necrosis	Moderate
[Leukemia Mononuclear TGLS = 2-1]			
* Stomach, Forestomach		Leukemia Mononuclear Ulcer	Moderate
* Stomach, Glandular		Necrosis	Mild
PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 209

TRT#: 4

SEX: Female

DAY ON TEST: 528

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504419

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	* Islets, Pancreatic
* Kidney	* 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	* Intestine Small, Jejunum
--------------------------	--------------------------	----------------------------

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-11]			
* Skin	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 210

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Leukemia Mononuclear	
		Mineralization	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4, 5]			
* Lung		Leukemia Mononuclear	
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland		Cyst	Mild
[Cyst TGLS = 4-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Moderate
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
* Stomach, Forestomach		Hyperkeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210

TRT#: 4
DOSE: 50 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9504420

ORGAN AND ACCOUNTABLE SITE STATUS

Epithelium

Hyperplasia
Inflammation

Moderate
Suppurative, Minimal

[Hyperplasia TGLS = 5-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 211 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 685
DOSE: 50 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* 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	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

Blood Vessel		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7]			
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Cyst	Mild
[Cyst TGLS = 6-10]		Inflammation	Chronic Active, Minimal
Eye	Retina	Degeneration	Marked
[Degeneration TGLS = 1-11]		Mineralization	Mild
[Mineralization TGLS = 1-11]		Retinal Detachment	Marked
[Retinal Detachment TGLS = 1-11]			
* Kidney	Renal Tubule	Degeneration	Moderate
		Pigmentation	Hemosiderin, Moderate
* Liver		Leukemia Mononuclear	
* Lung		Chordoma	Metastatic (Uncertain Primary Site)
		Leukemia Mononuclear	
* Ovary		Pigmentation	Lipofuscin, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Mild
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 211	TRT#: 4	SEX: Female	DAY ON TEST: 685
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504421

ORGAN AND ACCOUNTABLE SITE STATUS

	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
[Hyperkeratosis TGLS = 2-11]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Thymus		Leukemia Mononuclear	
Tissue NOS		Sarcoma	
[Sarcoma TGLS = 4-12]			

PRIMARY CAUSE OF DEATH - Tissue NOS Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 212

TRT#: 4

SEX: Female

DAY ON TEST: 630

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504422

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
* Mammary Gland	* Nose	Oral Mucosa	* 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		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Congestion	Mild
[Congestion TGLS = 2-2, 3]			
* Skin	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Minimal
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 213

TRT#: 4

SEX: Female

DAY ON TEST: 674

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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
* 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

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-5]			
* Mammary Gland		Dilatation	Mild
[Fibroadenoma TGLS = 1-11]		Fibroadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
[Hyperkeratosis TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 214

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504424

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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
* Mammary Gland		Dilatation	Minimal
* Ovary	Periovarn Tiss	Cyst	Moderate
[Cyst TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Moderate
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Hyperkeratosis TGLS = 1-11]			
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 215

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504425

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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
* Pituitary Gland		Angiectasis	Moderate
[Angiectasis TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
[Hyperkeratosis TGLS = 1-11]			
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 216

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Esophagus		Lipoma	
[Lipoma TGLS = 5-11]			
Eye	Retina	Degeneration	Marked
	Lens	Mineralization	Minimal
[Degeneration TGLS = 1-11]			
[Mineralization TGLS = 1-11]			
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4, 5]			
* Mammary Gland		Dilatation	Minimal
* Ovary	Periovarn Tiss	Cyst	Marked
[Cyst TGLS = 3-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 6-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
[Hyperkeratosis TGLS = 2-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 216

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504426

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 217

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504427

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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland		Inflammation Schwannoma Malignant	Chronic Active, Minimal
[Schwannoma Malignant TGLS = 2-10]			
* Kidney		Mineralization Nephropathy	Minimal Minimal
* Liver		Basophilic Focus Hepatodiaphragmatic Nodule Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 217

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504427

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 218

TRT#: 4

SEX: Female

DAY ON TEST: 662

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Glandular	* Thyroid Gland
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Lymph Node, Mandibular	* Mammary Gland
------------------	--------------------------	-----------------

AUTO PRECLUDES DIAG.

* Intestine Large, Rectum	* Intestine Small, Jejunum
---------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Fibrosis	Mild
* Kidney		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Mineralization	Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-4, 5]		
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
		Leukemia Mononuclear	
	[Angiectasis TGLS = 1-7]		
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Moderate
	[Parakeratosis TGLS = 3-11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 218	TRT#: 4 DOSE: 50 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 662 HISTO: 9504428
-----------------------	---	--	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Leukemia Mononuclear TGLS = 2-11]	Leukemia Mononuclear	
* Stomach, Forestomach [Ulcer TGLS = 6-5]	Ulcer	Moderate
* Thymus	Leukemia Mononuclear	
* Trachea	Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 219

TRT#: 4

SEX: Female

DAY ON TEST: 693

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504429

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, 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		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver			
Note: TGL #2-NCL			
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
[Hyperplasia TGLS = 1-11]			
[Hyperplasia TGLS = 1-11]			
[Parakeratosis TGLS = 1-11]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 220

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504430

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	* Kidney	* 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		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-5; 4-4]			
* Mammary Gland		Adenoma	
		Dilatation	Mild
[Adenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 221

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Bone		Osteosarcoma	
Note: FOCAL LESION PRESENT IN FEMUR			
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule TGLS = 5-11; 6-11]			
* Lung		Inflammation	Chronic Active, Minimal
* Ovary	Periovarn Tiss	Cyst	Marked
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 221	TRT#: 4	SEX: Female	DAY ON TEST: 728
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504431

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Accessory Spleen TGLS = 4-11]		Accessory Spleen	
* Thyroid Gland	Follicle	Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 222

TRT#: 4

SEX: Female

DAY ON TEST: 579

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504432

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	* 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

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Lipoma	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas	Acinus	Atrophy	Mild
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 223

TRT#: 4

SEX: Female

DAY ON TEST: 371

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Heart	* 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	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Esophagus		Perforation	
[Perforation TGLS = 1-2]			
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- Esophagus Perforation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 224

TRT#: 4

SEX: Female

DAY ON TEST: 635

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504434

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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Hyperplasia Inflammation	Marked Chronic Active, Minimal
* Kidney	Renal Tubule	Hyperplasia Mineralization	Mild Minimal
* Mammary Gland		Dilatation Fibroadenoma	Moderate
[Fibroadenoma TGLS = 1-11]			
* Ovary	Periovarn Tiss	Cyst	Moderate
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 225

TRT#: 4

SEX: Female

DAY ON TEST: 541

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504435

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	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Cyst	Mild
		Inflammation	Chronic Active, Minimal
Note: DARK COLOR DUE TO HEMORRHAGE [Cyst TGLS = 1-10]			
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Mixed Tumor Malignant	
[Mixed Tumor Malignant TGLS = 2-11]			
* Skin	SOA	Hyperkeratosis	Moderate
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- Mammary Gland Mixed Tumor Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 226

TRT#: 4

SEX: Female

DAY ON TEST: 567

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum * Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 1-11]		
* Lung		Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 2-11]		
* Nose		Inflammation	Suppurative, Minimal
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 227

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504437

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	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
[Hyperkeratosis TGLS = 2-11]	SOA	Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 228

TRT#: 4

SEX: Female

DAY ON TEST: 667

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504438

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Leukemia Mononuclear	
* Kidney		Mineralization	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4, 5]			
* Mammary Gland		Galactocele	Marked
[Galactocele TGLS = 1-11]			
* Parathyroid GI			
Note: TGL #4-NCL			
* Pituitary Gland		Angiectasis	Moderate
[Angiectasis TGLS = 5-7]			
* Skin	SOA	Hyperkeratosis	Moderate
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 6-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 228

TRT#: 4

SEX: Female

DAY ON TEST: 667

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504438

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 229

TRT#: 4

SEX: Female

DAY ON TEST: 508

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504439

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 | * Islets, Pancreatic |
| * Liver | * 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, Jejunum |
|--------------------------|----------------------------|

OBSERVATIONS

- | | | | |
|-------------------------------|-------------------|-------------------|-------------------------|
| * Clitoral Gland | | Inflammation | Chronic Active, Minimal |
| Eye | Retina | Degeneration | Marked |
| [Degeneration TGLS = 2-11] | | | |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Mineralization | Minimal |
| * Ovary | | Congestion | Mild |
| [Congestion TGLS = 1-10] | | | |
| * Skin | SOA | Hyperkeratosis | Mild |
| | SOA | Hyperplasia | Moderate |
| | SOA, Sebaceous GI | Hyperplasia | Mild |
| | SOA | Inflammation | Chronic Active, Minimal |
| | SOA | Parakeratosis | Moderate |
| | SOA | Ulcer | Mild |
| [Parakeratosis TGLS = 3-12] | | | |
| [Ulcer TGLS = 3-12] | | | |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 230

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504440

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			

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 231

TRT#: 4

SEX: Female

DAY ON TEST: 244

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504441

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, Ileum |
| * 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 |
| * Trachea | * Urinary Bladder | * Uterus | |

AUTO PRECLUDES DIAG.

- * Intestine Large, Cecum

OBSERVATIONS

- | | | | |
|------------------------------|-------------------|----------------------|-------------------------|
| * Clitoral Gland | | Inflammation | Chronic Active, Minimal |
| * Lung | | Congestion | Mild |
| [Congestion TGLS = 1-2, 3] | | | |
| * Ovary | Periovarn Tiss | Cyst | Moderate |
| [Cyst TGLS = 2-10] | | | |
| * Skin | SOA | Hyperkeratosis | Minimal |
| | SOA | Hyperplasia | Minimal |
| | SOA, Sebaceous GI | Hyperplasia | Minimal |
| | SOA | Inflammation | Chronic Active, Minimal |
| * Thyroid Gland | | Ultimobranchial Cyst | Minimal |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 232

TRT#: 4

SEX: Female

DAY ON TEST: 270

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504442

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, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* 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

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 4-5; 2-12]			
* Ovary		Cyst	Mild
[Cyst TGLS = 1-10]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
[Parakeratosis TGLS = 3-11]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 233

TRT#: 4

SEX: Female

DAY ON TEST: 702

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504443

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	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Mild
		Thrombosis	Marked
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 5-5; 9-4]		
	[Leukemia Mononuclear TGLS = 10-4, 5]		
Lymph Node		Pigmentation	Hemosiderin, Mild
		Pigmentation	Lipofuscin, Mild
	[Pigmentation TGLS = 6-14]		
	[Pigmentation TGLS = 6-14]		
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
	[Fibroadenoma TGLS = 2,3-12+13]		
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
	[Adenoma TGLS = 8-7]		
* Skin	Subcut Tiss	Fibroma	
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Parakeratosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 233	TRT#: 4	SEX: Female	DAY ON TEST: 702
	DOSE: 50 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504443

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroma TGLS = 1-11]			
[Parakeratosis TGLS = 7-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1]			
* Stomach, Forestomach		Ulcer	Mild
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 234

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504444

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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
	[Adenoma TGLS = 1-11]		
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lymph Node, Mesenteric		Ectasia	Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 4-11]		
* Ovary	Periovarn Tiss	Cyst	Marked
	[Cyst TGLS = 3-10]		
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
	[Parakeratosis TGLS = 2-11]		
	[Ulcer TGLS = 2-11]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 235

TRT#: 4

SEX: Female

DAY ON TEST: 719

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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
* 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

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Mammary Gland		Galactocele	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 236

TRT#: 4

SEX: Female

DAY ON TEST: 545

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504446

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, 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	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Jejunum
--------------------------	----------------------------

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
* Skin	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild

[Parakeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 237

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504447

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
* Mammary Gland	* Nose	* Ovary	* 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		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland		Cyst	Mild
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 238

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504448

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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
		Pigmentation	Hemosiderin, Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 3-5]		
* Pituitary Gland		Cyst	Mild
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	[Parakeratosis TGLS = 1-11]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 239

TRT#: 4

SEX: Female

DAY ON TEST: 546

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Small, Duodenum	* 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	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Esophagus			
Note: ESOPHAGUS APPEARS NORMAL BUT LUMEN FILLED WITH DEBRIS AND FOOD			
* Kidney		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 1-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 240

TRT#: 4

SEX: Female

DAY ON TEST: 544

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504450

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	* 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	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Pituitary Gl			
Note: TGL #2-NCL			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous Gl	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Minimal
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241

TRT#: 4

SEX: Female

DAY ON TEST: 685

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Colon
* 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
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Jejunum
--------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 242

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504452

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	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary	Follicle	Cyst	Mild
	Periovarn Tiss	Cyst	Mild
[Cyst TGLS = 3-10]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 4-7]			
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 2-11]			
[Ulcer TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 243

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* 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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 244

TRT#: 4

SEX: Female

DAY ON TEST: 658

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Fibrosis	Moderate
		Lymphoma Malignant	
		Mineralization	Mild
Blood Vessel		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
* Lung		Lymphoma Malignant	
Lymph Node		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-13]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-4,12]			
* Ovary	Periovarn Tiss	Cyst	Moderate
[Cyst TGLS = 5-12]		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
		Lymphoma Malignant	
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 244

TRT#: 4

SEX: Female

DAY ON TEST: 658

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504454

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperkeratosis TGLS = 1-12]

* Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLS = 3-1]

* Stomach, Forestomach

Ulcer

Minimal

* Thymus

Lymphoma Malignant

[Lymphoma Malignant TGLS = 6-11]

* Thyroid Gland

Lymphoma Malignant

* Urinary Bladder

Lymphoma Malignant

* Uterus

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 245

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504455

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
* Pancreas	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Thymus
---------------------	----------

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
		Vacuolization Cytoplasmic	Moderate
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Moderate
[Parakeratosis TGLS = 2-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 245

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504455

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 2-11]

* Uterus

Hydrometra

Marked

[Hydrometra TGLS = 3-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 246

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504456

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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Carcinoma	
		Inflammation	Chronic Active, Minimal
[Carcinoma TGLS = 2-10]			
* Heart		Inflammation	Chronic Active, Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Dilatation	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 246

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504456

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 247

TRT#: 4

SEX: Female

DAY ON TEST: 429

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504457

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, Ileum |
| * 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 | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

AUTO PRECLUDES DIAG.

- | | |
|--------------------------|----------------------------|
| * Intestine Large, Cecum | * Intestine Small, Jejunum |
|--------------------------|----------------------------|

OBSERVATIONS

- | | | | |
|-------------------|-------------------|----------------|-------------------------|
| * Clitoral Gland | | Inflammation | Chronic Active, Minimal |
| * Kidney | | Mineralization | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| * Skin | SOA | Hyperkeratosis | Mild |
| | SOA | Hyperplasia | Mild |
| | SOA, Sebaceous GI | Hyperplasia | Moderate |
| | SOA | Inflammation | Chronic Active, Minimal |
| | SOA | Parakeratosis | Moderate |
| | SOA | Ulcer | Minimal |

[Parakeratosis TGLS = 1-11]

[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 248

TRT#: 4

SEX: Female

DAY ON TEST: 284

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504458

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	* 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	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-5]			
* Skin	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
[Parakeratosis TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 249

TRT#: 4

SEX: Female

DAY ON TEST: 524

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504459

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	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
--------------------------	--------------------------

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
* Pituitary Gland		Hemorrhage	Mild
[Hemorrhage TGLS = 1-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 250

TRT#: 4

SEX: Female

DAY ON TEST: 623

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Clitoral Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder
--------------------------	--------------------------	----------------------------	-------------------

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
		Pigmentation	Hemosiderin, Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
		[Hepatodiaphragmatic Nodule TGLS = 7-4]	
		[Leukemia Mononuclear TGLS = 6-4, 5]	
		[Vacuolization Cytoplasmic TGLS = 6-4, 5]	
* Mammary Gland		Fibroadenoma	
		[Fibroadenoma TGLS = 1-11]	
* Ovary		Cyst	Moderate
		[Cyst TGLS = 3-10]	
* Pituitary Gland		Cyst	Mild
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 250

TRT#: 4

SEX: Female

DAY ON TEST: 623

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 9504460

ORGAN AND ACCOUNTABLE SITE STATUS

SOA

Inflammation

Chronic Active, Minimal

[Hyperkeratosis TGLS = 2-11]

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 4-1]

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 251

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504461

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	* Liver	* Lung
* 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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Mild
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 252

TRT#: 6

SEX: Female

DAY ON TEST: 595

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504462

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, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
[Hyperkeratosis TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 253

TRT#: 6

SEX: Female

DAY ON TEST: 355

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504463

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, Ileum
* Intestine Small, Jejunum	* 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		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 254

TRT#: 6

SEX: Female

DAY ON TEST: 463

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504464

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	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* 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, Rectum	* Intestine Small, Jejunum
--------------------------	---------------------------	----------------------------

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Mild
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Minimal

[Parakeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255

TRT#: 6

SEX: Female

DAY ON TEST: 549

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504465

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, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* 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

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Minimal
[Parakeratosis TGLS = 1-10; 11]			
[Ulcer TGLS = 1-10, 11]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 256

TRT#: 6

SEX: Female

DAY ON TEST: 692

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504466

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		Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Hepatodiaphragmatic Nodule	
		Vacuolization Cytoplasmic	Minimal
	[Hepatodiaphragmatic Nodule TGLS = 3-5]		
* Mammary Gland		Carcinoma	
	[Carcinoma TGLS = 2-11]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
	[Parakeratosis TGLS = 1-12]		
	[Ulcer TGLS = 1-12]		

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 257

TRT#: 6

SEX: Female

DAY ON TEST: 568

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504467

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	* Liver	* Lung
* 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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye		Mineralization	Mild
[Mineralization TGLS = 1-11]			
* Kidney		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 2-11]			
[Ulcer TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 258

TRT#: 6

SEX: Female

DAY ON TEST: 709

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Moderate
		Hemorrhage	Mild
Blood Vessel		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-11]			
* Heart		Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4, 5]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	
* Pituitary Gland		Cyst	Moderate
		Leukemia Mononuclear	
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
[Hyperkeratosis TGLS = 1-10]			
[Parakeratosis TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 258

TRT#: 6

SEX: Female

DAY ON TEST: 709

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504468

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 3-1]

* Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 259

TRT#: 6

SEX: Female

DAY ON TEST: 518

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* 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 Small, Ileum
--------------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
[Angiectasis TGLS = 2-7]			
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 260

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504470

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, 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		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Marked
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild
[Hyperkeratosis TGLS = 1-11]			
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 261

TRT#: 6

SEX: Female

DAY ON TEST: 302

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* 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
--------------------------	--------------------------	--------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Esophagus			
Note: TGL #2-NCL			
* Kidney		Mineralization	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Moderate
	[Parakeratosis TGLS = 1-11]		
	[Ulcer TGLS = 1-11]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 262

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504472

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	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Mild
* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
[Hyperkeratosis TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 263

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504473

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		Angiectasis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye	Retina	Degeneration	Marked
	Lens	Mineralization	Moderate
	[Degeneration TGLS = 1-11]		
	[Mineralization TGLS = 1-11]		
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 4-4]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 3-12]		
* Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	Mild
	[Adenoma TGLS = 5-7]		
	[Cyst TGLS = 5-7]		
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 263

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504473

ORGAN AND ACCOUNTABLE SITE STATUS

[Parakeratosis TGLS = 2-11]

[Ulcer TGLS = 2-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 264

TRT#: 6

SEX: Female

DAY ON TEST: 574

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* 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		Accessory Adrenal Cortical Nodule	Minimal
		Angiectasis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-7]		
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Marked
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild
	[Hyperkeratosis TGLS = 1-11]		
	[Parakeratosis TGLS = 1-11]		
	[Ulcer TGLS = 1-11]		

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 265

TRT#: 6

SEX: Female

DAY ON TEST: 535

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504475

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	* Liver	* Lung
* 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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
* Skin	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild

[Parakeratosis TGLS = 1-10]
[Ulcer TGLS = 1-10]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 266

TRT#: 6

SEX: Female

DAY ON TEST: 331

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504476

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 | * 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 | * Urinary Bladder | * Uterus | |

MISSING

- * Parathyroid Gland

AUTO PRECLUDES DIAG.

- * Intestine Small, Jejunum

OBSERVATIONS

- | | | | |
|---|-------------------|----------------------------|-------------------------|
| * Clitoral Gland | | Inflammation | Chronic Active, Minimal |
| * Kidney | | Mineralization | Minimal |
| * Liver | | Hepatodiaphragmatic Nodule | |
| [Hepatodiaphragmatic Nodule TGLS = 2-4] | | | |
| * Skin | SOA | Hyperplasia | Moderate |
| | SOA, Sebaceous GI | Hyperplasia | Moderate |
| | SOA | Inflammation | Chronic Active, Mild |
| | SOA | Parakeratosis | Moderate |
| [Parakeratosis TGLS = 1-11] | | | |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 267

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Salivary Glands
* Thymus	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone		Fibrous Osteodystrophy	Moderate
* Clitoral Gland		Inflammation	Chronic Active, Mild
Eye	Retina	Degeneration	Marked
	Lens	Mineralization	Moderate
	[Degeneration TGLS = 1-11]		
	[Mineralization TGLS = 1-11]		
* Heart		Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	Multiple
		Nephropathy	Marked
	[Nephropathy TGLS = 4-1]		
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 5-11; 6-5; 7-5]		
* Lung		Mineralization	Minimal
* Ovary	Periovarn Tiss	Cyst	Marked
	[Cyst TGLS = 3-10]		
* Pancreas		Fibrosis	Moderate
* Parathyroid Gland		Hyperplasia	Marked
	[Hyperplasia TGLS = 9-7]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 8-7]		
* Skin	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 267	TRT#: 6	SEX: Female	DAY ON TEST: 728
	DOSE: 100MG/KG	DISP: Terminal Sacrifice	HISTO: 9504477

ORGAN AND ACCOUNTABLE SITE STATUS

	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Minimal
[Parakeratosis TGLS = 2-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Ulcer	Moderate
[Hyperplasia TGLS = 10-12]			
[Ulcer TGLS = 11-12]			
* Stomach, Glandular		Mineralization	Moderate
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 268

TRT#: 6

SEX: Female

DAY ON TEST: 560

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* 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	* Uterus

MISSING

* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Pigmentation	Hemosiderin, Mild
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild

[Parakeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 269

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504479

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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-4]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-11]			
* Uterus		Deciduoma Benign	
[Deciduoma Benign TGLS = 3-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 270

TRT#: 6

SEX: Female

DAY ON TEST: 644

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504480

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	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
		Pigmentation	Lipofuscin, Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Leukemia Mononuclear	
* Kidney		Mineralization	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4, 5]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Nose		Inflammation	Suppurative, Moderate
* Ovary		Atrophy	Marked
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Cyst	Mild
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Ulcer	Marked
[Ulcer TGLS = 1-11]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
* Stomach, Forestomach		Ulcer	Mild

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 271

TRT#: 6

SEX: Female

DAY ON TEST: 170

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504481

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, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* 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	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Congestion	Mild
[Congestion TGLS = 2-2, 3]			
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
[Parakeratosis TGLS = 1-10]	SOA	Parakeratosis	Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 272

TRT#: 6

SEX: Female

DAY ON TEST: 535

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* 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 Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Pituitary Gland		Angiectasis	Mild
[Angiectasis TGLS = 2-7]			
* Skin	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 1-10]			
[Ulcer TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 273

TRT#: 6

SEX: Female

DAY ON TEST: 726

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504483

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
* 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 Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
	[Adenoma TGLS = 3-10]		
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
	[Fibroadenoma TGLS = 5-12]	Galactocele	Moderate
	[Galactocele TGLS = 4-11]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-7]		
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 273

TRT#: 6

SEX: Female

DAY ON TEST: 726

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504483

ORGAN AND ACCOUNTABLE SITE STATUS

[Parakeratosis TGLS = 1-11]

[Ulcer TGLS = 1-11]

Vagina

[Polyp TGLS = 6-12]

Polyp

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274

TRT#: 6

SEX: Female

DAY ON TEST: 681

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	* Lung
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
* Ovary		Leukemia Mononuclear	
* Pituitary Gland		Angiectasis	Moderate
[Angiectasis TGLS = 3-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Moderate
[Parakeratosis TGLS = 1-10]			
[Ulcer TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 274

TRT#: 6

SEX: Female

DAY ON TEST: 681

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504484

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275

TRT#: 6

SEX: Female

DAY ON TEST: 356

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Small, Duodenum
* 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	* 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

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild

[Parakeratosis TGLS = 1-11]

[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 276

TRT#: 6

SEX: Female

DAY ON TEST: 459

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504486

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	* 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	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum * Intestine Small, Ileum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 277

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504487

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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4, 5]			
* Lung		Inflammation	Chronic Active, Minimal
* Pituitary Gland		Angiectasis	Minimal
[Angiectasis TGLS = 4-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Moderate
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Minimal
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278

TRT#: 6

SEX: Female

DAY ON TEST: 526

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
[Adenoma TGLS = 2-10]			
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 3-7]			
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Marked
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Angiectasis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 279

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504489

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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye	Retina	Degeneration	Moderate
[Degeneration TGLS = 2-11]			
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
[Angiectasis TGLS = 3-7]	Pars Distalis	Hyperplasia	Mild
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Marked
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 280

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504490

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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
[Adenoma TGLS = 3-10]			
* Kidney		Mineralization	Minimal
* Ovary	Periovarn Tiss	Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Minimal
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 281

TRT#: 6

SEX: Female

DAY ON TEST: 563

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* 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
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Bone		Osteosclerosis	Moderate
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-5]			
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Marked
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
[Parakeratosis TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 282

TRT#: 6

SEX: Female

DAY ON TEST: 673

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
Blood Vessel		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2, 3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 1-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
[Parakeratosis TGLS = 2-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1]			
* Thyroid Gland		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 283

TRT#: 6

SEX: Female

DAY ON TEST: 519

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504493

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
* Islets, Pancreatic	* Lung	* 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	* Intestine Small, Jejunum
--------------------------	----------------------------

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Pituitary Gland		Cyst	Mild
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 284

TRT#: 6

SEX: Female

DAY ON TEST: 695

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504494

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
* 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 Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

Note: ALTHOUGH DIAGNOSED AS AN ADENOMA, NEOPLASM HAS MANY PLEOPMORPHIC CELLS AND THOSE WITH VERY LARGE NUCLEI

[Adenoma TGLS = 2-7]

* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal

[Hyperkeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 285

TRT#: 6

SEX: Female

DAY ON TEST: 305

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504495

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, Ileum
* Intestine Small, Jejunum	* 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	* Urinary Bladder	

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Marked
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Moderate
	[Parakeratosis TGLS = 1-11]		
	[Ulcer TGLS = 1-11]		
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 286

TRT#: 6

SEX: Female

DAY ON TEST: 621

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-4; 3-5]			
* Pituitary Gland		Hemorrhage	Mild
[Hemorrhage TGLS = 4-7]			
* Skin	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Marked
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Trachea		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504497

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
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye	Retina	Degeneration	Marked
	Lens	Mineralization	Minimal
	[Degeneration TGLS = 1-12]		
	[Mineralization TGLS = 1-12]		
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
* Ovary	Periovarn Tiss	Cyst	Mild
	[Cyst TGLS = 3-10]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Skin	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Moderate
	[Parakeratosis TGLS = 2-11]		
	[Ulcer TGLS = 2-11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 287

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504497

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 288

TRT#: 6

SEX: Female

DAY ON TEST: 394

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504498

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, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* 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
--------------------------	---------------------------	--------------------------

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
[Angiectasis TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Moderate
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 289

TRT#: 6

SEX: Female

DAY ON TEST: 169

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: 9504499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

Blood Vessel		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4, 13]			
* Skin	SOA	Hyperplasia	Minimal
	SOA	Parakeratosis	Marked
[Parakeratosis TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			
* Thyroid Gland		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Thymus Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 290

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Kidney	* 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		Angiectasis	Mild
* Clitoral Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Liver		Basophilic Focus	
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-7]			
* Skin	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Moderate
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 291

TRT#: 6

SEX: Female

DAY ON TEST: 419

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* 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	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
	[Hyperkeratosis TGLS = 1-11]		
	[Parakeratosis TGLS = 1-11]		
* Uterus		Hydrometra	Moderate
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:06

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 292

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504502

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
* 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		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Carcinoma	
		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
[Parakeratosis TGLS = 2-11]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 293

TRT#: 6

SEX: Female

DAY ON TEST: 434

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504503

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, Ileum
* Islets, Pancreatic	* 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, Jejunum
--------------------------	----------------------------

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye	Lens	Cataract	Mild
[Cataract TGLS = 1-11]			
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Edema	Mild
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 294

TRT#: 6

SEX: Female

DAY ON TEST: 313

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504504

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, Duodenum
* 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	* Intestine Small, Jejunum
--------------------------	--------------------------	----------------------------

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Moderate
	[Parakeratosis TGLS = 1-11]		
	[Ulcer TGLS = 1-11]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 295

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504505

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		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Mild
[Hyperkeratosis TGLS = 2-11]			
[Parakeratosis TGLS = 2-11]			
[Ulcer TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:06
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 296

TRT#: 6

SEX: Female

DAY ON TEST: 501

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Moderate
[Parakeratosis TGLS = 1-10]			
[Ulcer TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:07

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 296

TRT#: 6

SEX: Female

DAY ON TEST: 501

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504506

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:07
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 297

TRT#: 6

SEX: Female

DAY ON TEST: 518

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504507

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
* Lung	* 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	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
--------------------------	---------------------------	--------------------------	----------------------------

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Marked
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:07
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 298

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: 9504508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Carcinoma	
		Inflammation	Chronic Active, Minimal
[Carcinoma TGLS = 1-11]			
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Pituitary Gland		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Mild
[Angiectasis TGLS = 3-7]			
[Hyperplasia TGLS = 3-7]			
* Skin	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Moderate
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Parakeratosis TGLS = 2-11]			
[Ulcer TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:20:07
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299

TRT#: 6

SEX: Female

DAY ON TEST: 637

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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
* 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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
[Hyperkeratosis TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:20:07

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 300

TRT#: 6

SEX: Female

DAY ON TEST: 561

DOSE: 100MG/KG

DISP: Natural Death

HISTO: 9504510

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	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-5; 4-4]			
* Lung		Congestion	Mild
[Congestion TGLS = 5-2, 3]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Moderate
	SOA	Ulcer	Minimal
[Hyperplasia TGLS = 1-11]			
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE