

Experiment Number: 98007 - 03
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate
CAS Number: 367-51-1

Date Report Requested: 06/23/2016
Time Report Requested: 14:46:16
First Dose M/F: 12/16/02 / 12/17/02
Lab: MBA

NTP Study Number: C98007
Lock Date: 12/18/2003
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-1

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- | | |
|--------------------------|-----------------|
| * Lymph Node, Mandibular | * Mammary Gland |
|--------------------------|-----------------|

OBSERVATIONS

- | | | | |
|---------------------------------|--------------|----------------------------------|--------------------------------|
| * Adrenal Cortex | Zona Fascult | Vacuolization Cytoplasmic | Minimal |
| * Lung | | Hemorrhage | Focal, Minimal |
| | Alveolus | Inflammation | Chronic Active, Focal, Minimal |
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-2

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * 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, Mesenteric | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- | | |
|--------------------------|-----------------|
| * Lymph Node, Mandibular | * Mammary Gland |
|--------------------------|-----------------|

OBSERVATIONS

- | | | | |
|---------------------------------|--------------|----------------------------------|---------|
| * Adrenal Cortex | Zona Fascult | Vacuolization Cytoplasmic | Minimal |
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-3

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Harderian Gland | * 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, Mesenteric |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- | | |
|--------------------------|-----------------|
| * Lymph Node, Mandibular | * Mammary Gland |
|--------------------------|-----------------|

OBSERVATIONS

- | | | | |
|---------------------------------|--------------|----------------------------------|----------------|
| * Adrenal Cortex | Zona Fascult | Vacuolization Cytoplasmic | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| * Thymus | | Hemorrhage | Focal, Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-4

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Harderian Gland | * 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, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|---------------------------------|---------------|----------------------------------|---------|
| * Adrenal Cortex | Zona Fasciata | Vacuolization Cytoplasmic | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-5

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|---------------------------------|--------------|----------------------------------|---------|
| * Adrenal Cortex | Zona Fascult | Vacuolization Cytoplasmic | Minimal |
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-6

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|---------------------------------|--------------|----------------------------------|---------|
| * Adrenal Cortex | Zona Fascult | Vacuolization Cytoplasmic | Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-7

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|---------------------------------|--------------|----------------------------------|---------|
| * Adrenal Cortex | Zona Fascult | Vacuolization Cytoplasmic | Minimal |
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-8

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Lymph Node, Mandibular

INSUFFICIENT TISSUE

- * Pituitary Gland

OBSERVATIONS

- | | | | |
|---------------------------------|---------------|----------------------------------|---------|
| * Adrenal Cortex | Zona Fasciata | Vacuolization Cytoplasmic | Minimal |
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-9

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- | | |
|--------------------------|-----------------|
| * Lymph Node, Mandibular | * Mammary Gland |
|--------------------------|-----------------|

OBSERVATIONS

- | | | | |
|---------------------------------|--------------|----------------------------------|--------------------------------|
| * Adrenal Cortex | Zona Fascult | Vacuolization Cytoplasmic | Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Lung | Alveolus | Inflammation | Chronic Active, Focal, Minimal |
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-10

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|----------------------------------|--------------|----------------------------------|----------------|
| * Adrenal Cortex | Zona Fascult | Vacuolization Cytoplasmic | Minimal |
| * Eye | | | |
| Note: no optic nerve in sections | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | Renal Tubule | Regeneration | Focal, Minimal |
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 11	TRT#: 2	SEX: Male	DAY ON TEST: 93
	DOSE: 11.25 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-11
OBSERVATIONS			
Skin	SOA Epidermis	Hyperkeratosis	Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 12

TRT#: 2

SEX: Male

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-12

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 13

TRT#: 2

SEX: Male

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-13

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 14

TRT#: 2

SEX: Male

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-14

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 15

TRT#: 2

SEX: Male

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-15

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 16	TRT#: 2	SEX: Male	DAY ON TEST: 93
	DOSE: 11.25 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-16

OBSERVATIONS			
Skin	SOA Epidermis	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Diffuse, Minimal
	SOA Epidermis	Parakeratosis	Focal, Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 17

TRT#: 2

SEX: Male

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-17

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 18

TRT#: 2

SEX: Male

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-18

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 19

TRT#: 2

SEX: Male

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-19

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 20

TRT#: 2

SEX: Male

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-20

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 21

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-21

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 22

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-22

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 23	TRT#: 3	SEX: Male	DAY ON TEST: 93
	DOSE: 22.5 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-23
OBSERVATIONS			
Skin	SOA Epidermis	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Diffuse, Minimal
	SOA Dermis, Sebaceous Gl	Hypertrophy	Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 24	TRT#: 3	SEX: Male	DAY ON TEST: 93
	DOSE: 22.5 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-24
OBSERVATIONS			
Skin	SOA Epidermis	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Diffuse, Minimal
	SOA Dermis, Sebaceous GI	Hypertrophy	Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 25

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-25

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 26

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-26

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 27

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-27

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 28

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-28

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 29

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-29

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 30

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-30

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 31

TRT#: 4

SEX: Male

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-31

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 32

TRT#: 4

SEX: Male

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-32

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 33

TRT#: 4

SEX: Male

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-33

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 34

TRT#: 4

SEX: Male

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-34

OBSERVATIONS

Skin

SOA Dermis, Sebaceous GI

Hypertrophy

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 35

TRT#: 4

SEX: Male

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-35

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 36	TRT#: 4	SEX: Male	DAY ON TEST: 93
	DOSE: 45.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-36
OBSERVATIONS			
Skin	SOA Epidermis	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Diffuse, Minimal
	SOA Dermis, Sebaceous Gl	Hypertrophy	Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 37

TRT#: 4

SEX: Male

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-37

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 38	TRT#: 4	SEX: Male	DAY ON TEST: 93
	DOSE: 45.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-38
OBSERVATIONS			
Skin	SOA Epidermis	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Diffuse, Minimal
	SOA Dermis, Sebaceous Gl	Hypertrophy	Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 39

TRT#: 4

SEX: Male

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-39

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 40	TRT#: 4	SEX: Male	DAY ON TEST: 93
	DOSE: 45.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-40
OBSERVATIONS			
Skin	SOA Epidermis	Hyperplasia	Diffuse, Minimal
	SOA Dermis, Sebaceous GI	Hypertrophy	Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 41	TRT#: 5	SEX: Male	DAY ON TEST: 93
	DOSE: 90.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-41
OBSERVATIONS			
Skin	SOA Epidermis	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Diffuse, Minimal
	SOA Dermis, Sebaceous Gl	Hypertrophy	Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 42

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 90.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-42

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 43

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 90.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-43

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 44

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 90.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-44

OBSERVATIONS

Skin

SOA Epidermis

Hyperplasia

Focal, Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 45

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 90.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-45

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 46

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 90.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-46

OBSERVATIONS

Skin

SOA Epidermis

Hyperplasia

Diffuse, Minimal

SOA Dermis, Sebaceous GI

Hypertrophy

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 47	TRT#: 5	SEX: Male	DAY ON TEST: 93
	DOSE: 90.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-47
OBSERVATIONS			
Skin	SOA Epidermis	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Diffuse, Minimal
	SOA Dermis, Sebaceous Gl	Hypertrophy	Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 48	TRT#: 5	SEX: Male	DAY ON TEST: 93
	DOSE: 90.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-48
OBSERVATIONS			
Skin	SOA Epidermis	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Diffuse, Minimal
	SOA Dermis, Sebaceous GI	Hypertrophy	Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 49

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 90.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-49

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 50	TRT#: 5	SEX: Male	DAY ON TEST: 93
	DOSE: 90.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-50
OBSERVATIONS			
Skin	SOA Epidermis	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Diffuse, Minimal
	SOA Dermis, Sebaceous GI	Hypertrophy	Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 51

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-51

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- | | |
|----------------------|--------------------------|
| * Islets, Pancreatic | * Lymph Node, Mandibular |
|----------------------|--------------------------|

OBSERVATIONS

- | | | | |
|---------------------------------|--------------|----------------------------------|---------|
| * Adrenal Cortex | Zona Fascult | Vacuolization Cytoplasmic | Minimal |
| * Blood Vessel | | | |
| Note: slide 2 | | | |
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 52

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-52

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|-------------------------|--------------------------|----------------------------------|---------------------|
| * Adrenal Cortex | Zona Fasciuli | Vacuolization Cytoplasmic | Minimal |
| * Lung | Alveolus | Infiltration Cellular | Histiocyte, Minimal |
| * Skin | SOA Epidermis | Hyperplasia | Diffuse, Minimal |
| | SOA Dermis, Sebaceous GI | Hypertrophy | Minimal |
| Note: non-SOA is normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

Animal Note: TGL 1 = NCL (No Corresponding Lesion)

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 53

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-53

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Harderian Gland | * 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, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|-------------------------|--------------------------|----------------------------------|------------------|
| * Adrenal Cortex | Zona Fascult | Vacuolization Cytoplasmic | Minimal |
| * Kidney | Renal Tubule | Regeneration | Focal, Minimal |
| * Skin | SOA Epidermis | Hyperplasia | Diffuse, Minimal |
| | SOA Dermis, Sebaceous GI | Hypertrophy | Minimal |
| Note: non-SOA is normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| * Thymus | | Hemorrhage | Focal, Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 54

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-54

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|---------------------------------|--------------|----------------------------------|---------|
| * Adrenal Cortex | Zona Fascult | Vacuolization Cytoplasmic | Minimal |
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 55

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-55

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|---------------------------------|--------------|----------------------------------|----------------|
| * Adrenal Cortex | Zona Fascult | Vacuolization Cytoplasmic | Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | Renal Tubule | Regeneration | Focal, Minimal |
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 56

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-56

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

INSUFFICIENT TISSUE

- * Urinary Bladder

OBSERVATIONS

- | | | | |
|-------------------------------------|------------------------------|----------------------------------|----------------|
| * Adrenal Cortex | Zona Fascult | Vacuolization Cytoplasmic | Minimal |
| * Liver | [Hepatodiaphragmatic Nodule | Hepatodiaphragmatic Nodule | |
| | TGLs = TGL=1-6] | | |
| * Lung | Alveolus | Hemorrhage | Focal, Minimal |
| * Skin | | | |
| Note: Both SOA and nonSOA is normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 57

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-57

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|------------------------|--------------------------|----------------------------------|------------------|
| * Adrenal Cortex | Zona Fascioli | Vacuolization Cytoplasmic | Minimal |
| * Skin | SOA Epidermis | Hyperkeratosis | Minimal |
| | SOA Epidermis | Hyperplasia | Diffuse, Minimal |
| | SOA Dermis, Sebaceous GI | Hypertrophy | Minimal |
| Note: nonSOA is normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 58

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-58

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|------------------------|--------------------------|----------------------------------|------------------|
| * Adrenal Cortex | Zona Fascioli | Vacuolization Cytoplasmic | Minimal |
| * Skin | SOA Epidermis | Hyperkeratosis | Minimal |
| | SOA Epidermis | Hyperplasia | Diffuse, Minimal |
| | SOA Dermis, Sebaceous GI | Hypertrophy | Minimal |
| Note: nonSOA is normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 59

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-59

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Harderian Gland | * 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, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|------------------------|--------------------------|----------------------------------|------------------|
| * Adrenal Cortex | Zona Fascult | Vacuolization Cytoplasmic | Minimal |
| * Kidney | | Nephropathy | Focal, Minimal |
| * Skin | SOA Epidermis | Hyperkeratosis | Minimal |
| | SOA Epidermis | Hyperplasia | Diffuse, Minimal |
| | SOA Dermis, Sebaceous GI | Hypertrophy | Minimal |
| Note: nonSOA is normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 60

TRT#: 6

SEX: Male

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-60

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|---------------------------------|-----------------------------|----------------------------------|------------------|
| * Adrenal Cortex | Zona Fasciuli | Vacuolization Cytoplasmic | Minimal |
| * Skin | SOA Epidermis | Exudate | Focal, Mild |
| | SOA Epidermis | Hyperkeratosis | Minimal |
| | SOA Epidermis | Hyperplasia | Diffuse, Minimal |
| | SOA Dermis, Sebaceous Gland | Hypertrophy | Minimal |
| Note: nonSOA is normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| * Thymus | Thymocyte | Atrophy | Minimal |
| Note: increased tingible bodies | | | |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 61

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-61

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * 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, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | |
|---------------------------------|----------------------------------|---------|
| * Heart | Cardiomyopathy | Minimal |
| * Skin | | |
| Note: SOA and nonSOA are normal | | |
| * Spleen | Congestion | Minimal |
| | Hematopoietic Cell Proliferation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 62

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-62

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * 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, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- * Adren Medulla
 - Note: One of pair missing.
- * Liver

Inflammation	Granulomatous, Minimal
--------------	------------------------
- Lymph Node

Pancreatic	Inflammation	Granulomatous, Mild
	Atrophy	Focal, Minimal
- * Pancreas
- * Skin
 - Note: SOA and nonSOA are normal
- * Spleen

Congestion	Minimal
Hematopoietic Cell Proliferation	Minimal
Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 63

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-63

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * 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, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | |
|---------------------------------|----------------------------------|----------------|
| * Liver | Necrosis | Focal, Minimal |
| * Skin | | |
| Note: SOA and nonSOA are normal | | |
| * Spleen | Congestion | Minimal |
| | Hematopoietic Cell Proliferation | Minimal |
| | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 64

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-64

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Trachea | * Uterus | | |

MISSING

- * Lymph Node, Mandibular

INSUFFICIENT TISSUE

- * Urinary Bladder

OBSERVATIONS

- | | | | |
|---------------------------------|-----------|----------------------------------|---------|
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| * Thymus | Thymocyte | Atrophy | Minimal |
| Note: increased tingible bodies | | | |
| * Thyroid Gland | | Ectopic Thymus | Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 65

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-65

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- * Skin
 - Note: SOA and nonSOA are normal
- * Spleen

Congestion	Minimal
Hematopoietic Cell Proliferation	Minimal
Pigmentation	Minimal
Dilatation	Mild
- * Uterus

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 66

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-66

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * 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, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|----------|-----------------------------------|----------------------------------|---------|
| * Kidney | | Nephroblastoma | |
| | [Nephroblastoma TGLs = TGL=1-8] | | |
| * Skin | | | |
| | Note: SOA and nonSOA are normal | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| * Thymus | Thymocyte | Atrophy | Minimal |
| | Note: increased tingible bodies | | |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 67

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-67

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Trachea |
| * Urinary Bladder | * Uterus | | |

MISSING

- | | |
|--------------------------|---------------------|
| * Lymph Node, Mandibular | * Parathyroid Gland |
|--------------------------|---------------------|

INSUFFICIENT TISSUE

- * Thyroid Gland

OBSERVATIONS

- | | | | |
|---------------------------------|-----------|----------------------------------|---------|
| * Skin | | | |
| Note: SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| * Thymus | Thymocyte | Atrophy | Minimal |
| Note: increased tingible bodies | | | |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 68

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-68

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- * Adren Medulla
Note: One of pair missing.
- * Skin
Note: SOA and nonSOA are normal
- * Spleen

Congestion	Minimal
Hematopoietic Cell Proliferation	Minimal
Pigmentation	Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 69

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-69

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- * Skin
 - Note: SOA and nonSOA are normal
- * Spleen

Congestion	Minimal
Hematopoietic Cell Proliferation	Minimal
Pigmentation	Minimal
Dilatation	Mild
- * Uterus

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 70

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB479M-70

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- * Skin
 - Note: SOA and nonSOA are normal
- * Spleen

Congestion	Minimal
Hematopoietic Cell Proliferation	Minimal
Pigmentation	Minimal
Atrophy	Minimal
- * Thymus

Thymocyte	
Note: increased tingible bodies	

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 71

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-71

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 72

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-72

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 73

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-73

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 74

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-74

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 75

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-75

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 76

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-76

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 77

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-77

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 78

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-78

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 79

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-79

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 80

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 11.25 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-80

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 81

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-81

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 82

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-82

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 83

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-83

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 84

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-84

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 85

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-85

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 86

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-86

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 87

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-87

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 88

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-88

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 89

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-89

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 90

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 22.5 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-90

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 91	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 45.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-91
OBSERVATIONS			
Skin	SOA Epidermis	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Diffuse, Minimal
	SOA Dermis, Sebaceous GI	Hypertrophy	Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 92

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-92

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 93

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-93

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 94	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 45.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-94
OBSERVATIONS			
Skin	SOA Epidermis	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Diffuse, Minimal
	SOA Dermis, Sebaceous Gl	Hypertrophy	Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 95

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-95

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 96

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-96

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 97

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-97

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 98

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-98

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 99

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-99

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 100

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 45.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 101	TRT#: 11	SEX: Female	DAY ON TEST: 93
	DOSE: 90.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-101
OBSERVATIONS			
Skin	SOA Epidermis	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Diffuse, Mild
	SOA Dermis, Sebaceous Gl	Hypertrophy	Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 102

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 90.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-102

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

SOA Dermis, Sebaceous GI

Hypertrophy

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 103	TRT#: 11	SEX: Female	DAY ON TEST: 93
	DOSE: 90.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB479M-103

OBSERVATIONS			
Skin	SOA Epidermis	Hyperkeratosis	Minimal
	SOA Epidermis	Hyperplasia	Diffuse, Mild
	SOA Dermis, Sebaceous Gl	Hypertrophy	Minimal
	SOA Epidermis	Infiltration Cellular	Mononuclear CI, Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 104

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 90.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-104

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Diffuse, Minimal

SOA Dermis, Sebaceous GI

Hypertrophy

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 105

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 90.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-105

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Diffuse, Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 106

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 90.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-106

OBSERVATIONS

Skin

SOA Epidermis

Hyperkeratosis

Minimal

SOA Epidermis

Hyperplasia

Diffuse, Minimal

SOA Dermis, Sebaceous GI

Hypertrophy

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 107

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 90.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-107

OBSERVATIONS

Skin

SOA Epidermis

Hyperplasia

Diffuse, Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 108

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 90.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-108

OBSERVATIONS

Skin

SOA Epidermis

Hyperplasia

Diffuse, Minimal

SOA Dermis, Sebaceous GI

Hypertrophy

Minimal

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 109

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 90.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 110

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 90.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|---------------------------------|---------------|----------------------------------|------------------|
| * Skin | SOA Epidermis | Hyperplasia | Diffuse, Minimal |
| Note: nonSOA is normal | | | |
| [Hyperplasia TGLs = TGL=1-11] | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| * Uterus | | Dilatation | Mild |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 112

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * 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, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular |
| * Trachea | * Urinary Bladder | * Uterus | |

MISSING

- | | |
|--------------------------|---------------------|
| * Lymph Node, Mandibular | * Parathyroid Gland |
|--------------------------|---------------------|

OBSERVATIONS

- | | | |
|---|----------------------------------|-------------------|
| * Liver | Hepatodiaphragmatic Nodule | Minimal |
| [Hepatodiaphragmatic Nodule TGLs = TGL=2-6.1RC] | | |
| Lymph Node | Hyperplasia | Lymphoid, Minimal |
| [Hyperplasia TGLs = TGL=1-12] | | |
| * Pituitary Gland | Cyst | Minimal |
| * Skin | SOA Epidermis | Hyperkeratosis |
| | SOA Epidermis | Hyperplasia |
| | SOA Dermis, Sebaceous GI | Hypertrophy |
| Note: nonSOA is normal | | |
| * Spleen | Congestion | Minimal |
| | Hematopoietic Cell Proliferation | Minimal |
| | Pigmentation | Minimal |
| * Thymus | Thymocyte | Atrophy |
| Note: increased tingible bodies | | |
| * Thyroid Gland | Ectopic Thymus | Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 113

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * 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, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | * Uterus | | |

MISSING

- | | |
|--------------------------|---------------------|
| * Lymph Node, Mandibular | * Parathyroid Gland |
|--------------------------|---------------------|

OBSERVATIONS

- | | | |
|---------------------------------|----------------------------------|------------------------|
| * Liver | Inflammation | Granulomatous, Minimal |
| * Skin | | |
| Note: SOA and nonSOA are normal | | |
| * Spleen | Congestion | Minimal |
| | Hematopoietic Cell Proliferation | Minimal |
| | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 114

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|------------------------|--------------------------|----------------------------------|----------------|
| * Skin | SOA Epidermis | Hyperkeratosis | Minimal |
| | SOA Epidermis | Hyperplasia | Diffuse, Mild |
| | SOA Dermis, Sebaceous GI | Hypertrophy | Minimal |
| | SOA Epidermis | Ulcer | Focal, Minimal |
| Note: nonSOA is normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| * Uterus | | Dilatation | Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * 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, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Pituitary Gland | * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- | | |
|--------------------------|---------------------|
| * Lymph Node, Mandibular | * Parathyroid Gland |
|--------------------------|---------------------|

OBSERVATIONS

- | | | | |
|-------------------|------------------------------|----------------------------------|------------------------|
| * Harderian Gland | | Infiltration Cellular | Lymphocyte, Minimal |
| * Liver | | Hepatodiaphragmatic Nodule | |
| | | Inflammation | Granulomatous, Minimal |
| | [Hepatodiaphragmatic Nodule | | |
| | TGLs = TGL=1-6] | | |
| * Skin | SOA Epidermis | Hyperkeratosis | Minimal |
| | SOA Epidermis | Hyperplasia | Diffuse, Mild |
| | SOA Dermis, Sebaceous GI | Hypertrophy | Minimal |
| | SOA Epidermis | Parakeratosis | Focal, Minimal |
| | SOA Epidermis | Ulcer | Focal, Minimal |
| | Note: nonSOA is normal | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| * Uterus | | Dilatation | Moderate |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|---------------------------------|--------------------------|----------------------------------|----------------|
| Lymph Node | | Hemorrhage | Minimal |
| [Hemorrhage TGLs = TGL=1-12] | | | |
| * Skin | SOA Epidermis | Hyperplasia | Diffuse, Mild |
| | SOA Dermis, Sebaceous GI | Hypertrophy | Minimal |
| | SOA Epidermis | Parakeratosis | Focal, Minimal |
| | SOA Epidermis | Ulcer | Focal, Minimal |
| Note: nonSOA is normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| * Thymus | Thymocyte | Atrophy | Minimal |
| Note: increased tingible bodies | | | |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|--------------------------------------|--------------|----------------------------------|------------------------|
| * Kidney | Renal Tubule | Regeneration | Focal, Minimal |
| * Liver | | Inflammation | Granulomatous, Mild |
| * Lymph Node, Mesenteric | | Inflammation | Granulomatous, Minimal |
| * Skin | | | |
| Note: Both SOA and nonSOA are normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * 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, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|---------------------------------|---------------|----------------------------------|------------------|
| * Kidney | Renal Tubule | Regeneration | Focal, Minimal |
| Lymph Node | Thoracic | Hyperplasia | Lymphoid, Mild |
| [Hyperplasia TGLs = TGL=3-12] | | | |
| * Skin | SOA Epidermis | Hyperkeratosis | Minimal |
| | SOA Epidermis | Hyperplasia | Diffuse, Minimal |
| Note: nonSOA is normal | | | |
| [Hyperplasia TGLs = TGL=1-11] | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| * Thyroid Gland | | Ectopic Thymus | Minimal |
| * Uterus | | Dilatation | Marked |
| [Dilatation TGLs = TGL=2-9] | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|------------------------|---------------|----------------------------------|------------------|
| * Skin | SOA Epidermis | Hyperkeratosis | Minimal |
| | SOA Epidermis | Hyperplasia | Diffuse, Minimal |
| Note: nonSOA is normal | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

Experiment Number: 98007 - 03

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium thioglycolate

CAS Number: 367-51-1

Date Report Requested: 06/23/2016

Time Report Requested: 14:46:16

First Dose M/F: 12/16/02 / 12/17/02

Lab: MBA

ANIMAL ID: 120

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 180.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB479M-120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * 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, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

MISSING

- | | |
|------------------|--------------------------|
| * Clitoral Gland | * Lymph Node, Mandibular |
|------------------|--------------------------|

OBSERVATIONS

- | | | | |
|---|--------------------------|----------------------------------|------------------|
| * Skin | SOA Epidermis | Hyperplasia | Diffuse, Minimal |
| | SOA Dermis, Sebaceous GI | Hypertrophy | Minimal |
| | SOA Epidermis | Parakeratosis | Focal, Minimal |
| Note: nonSOA is normal
[Hyperplasia TGLs = TGL=1-11] | | | |
| * Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| * Thymus | Thymocyte | Atrophy | Minimal |
| Note: increased tingible bodies | | | |

*** END OF REPORT ***