

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

C Number:	C56122
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	01/07/1986

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Blood		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Multifocal, Mild
	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
		Neoplastic Nodule	Multiple
		Hemorrhage	Multifocal, Mild
		Leukemia Mononuclear	
Pancreas		Atrophy	Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1	TRT#: 3 DOSE: 0.025%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Hyperplasia	Focal, Mild
Eye		Cataract	Mild
	Retina	Degeneration	Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Multifocal, Mild
	Biliar Tract	Hyperplasia	Mild
		Neoplastic Nodule	
Lymph Node	Mandibular	Ectasia	Mild
Nose		Inflammation	Suppurative, Acute, Mild
Spleen		Fibrosis	Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1

TRT#: 5

SEX: Male

DAY ON TEST: 692

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Nose	Prostate
Skin	Thyroid Gland	Trachea	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland	Duct	Cyst	
Salivary Glands		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:18
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 1	TRT#: 5 DOSE: 0.012%	SEX: Male DISP: Moribund	DAY ON TEST: 692 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Stomach	Forestomach Forestomach Forestomach	Hyperkeratosis Hyperplasia Inflammation	Mild Mild Subacute, Mild
Testes	Interstitial Cell	Adenoma	Multiple
Thymus		Leukemia Mononuclear	
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 699
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Note: SLIDE I;PHEOCHROM MALIGNANT			
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Multifocal, Mild
		Basophilic Focus	Multiple
	Biliar Tract	Hyperplasia	Minimal
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 3 DOSE: 0.025%	SEX: Male DISP: Moribund	DAY ON TEST: 727 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone		Osteoma	
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Developmental Malformation	Mild
	Biliar Tract	Hyperplasia	Minimal
Lymph Node	Mediastinal	Congestion	Minimal
Prostate		Inflammation	Suppurative, Acute, Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 5 DOSE: 0.012%	SEX: Male DISP: Moribund	DAY ON TEST: 647 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Ear	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Ear			
Note: SLIDE WITH HEAD AND EARS;NORMAL			
Eye	Retina	Degeneration Hemorrhage	Mild Minimal
Note: LENS IS MISSING			
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
	Cortex	Necrosis	Focal, Mild
		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: SLIDE I;MANDIBULAR NODE			
Note: SLIDES II AND III;PANCREATIC NODES			
Nose		Fungus Inflammation	Moderate Suppurative, Acute, Mild
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:18
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 2	TRT#: 5 DOSE: 0.012%	SEX: Male DISP: Moribund	DAY ON TEST: 647 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Testes	Interstit Cell	Adenoma	Multiple
Thymus		Leukemia Mononuclear	
Thyroid Gland		Ultimobranchial Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 724
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Pancreas	Parathyroid Gland	Preputial Gland	Salivary Glands
Trachea	Urinary Bladder		

MISSING

Stomach	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Eye		Cataract	Mild
	Retina	Degeneration	Mild
Heart		Fibrosis	Multifocal, Mild
	Atrium	Thrombosis	
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Marked
Liver		Vacuolization Cytoplasmic	Diffuse, Moderate
Mammary Gland	Duct	Cyst	
Nose	Nasolacrim Dct	Inflammation	Suppurative, Acute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Prostate		Inflammation	Suppurative, Acute, Mild
Skin		Inflammation	Suppurative, Acute, Focal, Mild
Note: INFLAMMATION ON SKIN OF NOSE			
Spleen		Fibrosis	Moderate
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3	TRT#: 3 DOSE: 0.025%	SEX: Male DISP: Moribund	DAY ON TEST: 653 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Brain	Epididymis
Esophagus	Intestine Small	Islets, Pancreatic	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Intestine Large	Cecum	Inflammation	Subacute, Mild
Kidney	Pelvis	Inflammation	Suppurative, Acute, Mild
		Nephropathy	Chronic, Mild
Liver		Developmental Malformation	Mild
	Biliar Tract	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Moderate
		Leukemia Mononuclear	
Note: SLIDE IV;DEVELOP MALOR IS HERINATED LIVER			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Congestion	Mild
	Mandibular	Leukemia Mononuclear	
Note: SLIDE I;CONGESTION AND HEMA CELL PROL		SLIDE III;ANGIECTASIS IN MESENTERIC NODE	
Mesentery		Hemorrhage	Mild
		Inflammation	Subacute, Diffuse, Moderate
	Fat	Necrosis	Focal, Moderate
Note: SLIDE II;HEMORRHAGE,INFLAMMATION,NECROSIS			
Prostate		Inflammation	Suppurative, Acute, Moderate
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperkeratosis	Mild
	Forestomach	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3

TRT#: 3

SEX: Male

DAY ON TEST: 653

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Interstit Cell

Inflammation

Subacute, Mild

Adenoma

Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3	TRT#: 5 DOSE: 0.012%	SEX: Male DISP: Moribund	DAY ON TEST: 620 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hematopoietic Cell Proliferation	Mild
Heart		Fibrosis	Multifocal, Mild
Intestine Large	Cecum	Parasite Metazoan	Mild
	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Mild
	Biliar Tract	Hyperplasia	Mild
Nose		Foreign Body	Mild
		Fungus	Mild
		Inflammation	Suppurative, Acute, Mild
Pancreas		Atrophy	Mild
Skin	Subcut Tiss	Fibroma	
Note: SLIDE I;FIBROMA			
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Ear
Epididymis	Esophagus	Intestine Large	Intestine Small
Lymph Node	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Marked
Liver	Biliar Tract	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Prostate		Inflammation	Suppurative, Acute, Moderate
Skin	Subcut Tiss	Fibroma	
Note: SLIDE I;FIBROMA FROM RIGHT AXILLARY AREA			
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4	TRT#: 3 DOSE: 0.025%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Eye		Cataract	Mild
	Retina	Degeneration	Mild
Heart		Fibrosis	Multifocal, Moderate
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Multifocal, Minimal
		Basophilic Focus	
		Granuloma	Multifocal, Mild
	Biliar Tract	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4	TRT#: 5 DOSE: 0.012%	SEX: Male DISP: Moribund	DAY ON TEST: 668 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Mammary Gland	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Mild
Lung		Alveolar/Bronchiolar Carcinoma	
Lymph Node		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Mesenteric	Ectasia	Mild
Note: L	METASTATIC LESION IS IN THE MEDIASTINAL NODE		
Nose		Foreign Body	Moderate
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pancreas		Atrophy	Mild
Prostate		Inflammation	Suppurative, Acute, Minimal
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 668
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Small
Islets, Pancreatic	Mammary Gland	Pancreas	Salivary Glands
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Blood Vessel		Mineralization	Moderate
Note: MINERALIZATION OF WALL OF MAJOR VESSELS			
Heart		Fibrosis	Multifocal, Mild
		Mineralization	Mild
Intestine Large	Rectum	Mineralization	Mild
Kidney	Cortex	Mineralization	Moderate
		Nephropathy	Chronic, Marked
Liver		Angiectasis	Focal, Mild
		Basophilic Focus	
Lung		Mineralization	Mild
Lymph Node	Mesenteric	Angiectasis	Mild
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Preputial Gland	Duct	Cyst	
		Inflammation	Suppurative, Acute, Moderate
Note: SLIDE I;INFLAMMATION AND CYSTIC DUCT			
Prostate		Inflammation	Suppurative, Acute, Minimal
Spleen		Fibrosis	Mild
Stomach	Forestomach	Mineralization	Minimal
	Glandular	Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5	TRT#: 1 DOSE: UNTREATD CONTROL	SEX: Male DISP: Moribund	DAY ON TEST: 668 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Testes	Interstit Cell	Adenoma Inflammation	Multiple Suppurative, Acute, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5	TRT#: 3 DOSE: 0.025%	SEX: Male DISP: Moribund	DAY ON TEST: 708 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Lymph Node
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
	Atrium	Thrombosis	Moderate
Islets, Pancreatic		Carcinoma	
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Focal, Mild
	Biliar Tract	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Mild
Prostate		Inflammation	Suppurative, Acute, Minimal
Skin		Keratoacanthoma	Multiple
Note: SLIDE I AND II;KERATOACANTHOMAS			
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5	TRT#: 5 DOSE: 0.012%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration Leukemia Mononuclear	Fatty, Focal, Minimal
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis Leukemia Mononuclear	Multifocal, Mild
Kidney		Leukemia Mononuclear Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia Leukemia Mononuclear	Mild
	Centrilobular	Necrosis Leukemia Mononuclear	Mild
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: SLIDE II;MESENTERIC NODE;LEUKEMIA MONUC			
Note: SLIDE I;PANCREATIC NODE;LEUKEMIA MONUC			
Note: SLIDE III;RENAL NODE;LEUKEMIA MONUC			
Mammary Gland	Duct	Cyst	
Nose		Fungus Inflammation	Moderate Suppurative, Acute, Minimal
Pancreas		Atrophy	Mild
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:18
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 5	TRT#: 5 DOSE: 0.012%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
Stomach	Forestomach	Edema	Mild
	Glandular	Edema	Mild
Testes	Interstit Cell	Adenoma	Multiple
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Ear	Epididymis
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Brain		Degeneration	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Focal, Mild
		Granuloma	Multifocal, Mild
	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Preputial Gland		Inflammation	Suppurative, Acute, Moderate
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 6	TRT#: 3 DOSE: 0.025%	SEX: Male DISP: Moribund	DAY ON TEST: 698 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Liver	Lymph Node	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain		Degeneration	Multifocal, Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Lung		Foreign Body	Minimal
		Granuloma	Minimal
Pancreas		Atrophy	Minimal
Preputial Gland	Duct	Cyst	
		Inflammation	Suppurative, Acute, Moderate
Skin		Basal Cell Adenoma	
Note: SLIDE I;BASAL CELL ADENOMA			
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 6	TRT#: 5 DOSE: 0.012%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Islets, Pancreatic
Liver	Lung	Lymph Node	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Fibrosis	Multifocal, Minimal
Intestine Small	Peyers Patch	Mineralization	Focal, Mild
	Peyers Patch	Necrosis	Focal
Kidney	Cortex	Cyst	
		Fibrosis	Focal, Marked
		Inflammation	Chronic, Focal, Marked
		Nephropathy	Chronic, Marked
		Pigmentation	Hemosiderin, Marked
Mesentery	Fat	Necrosis	Focal, Mild
Note: LISTED GROSSLY AS SPERMATIC CORD			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Acute, Minimal
Spleen		Fibrosis	Moderate
Testes	Interstit Cell	Adenoma	
		Atrophy	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Minimal
Bone		Fibrous Osteodystrophy	Minimal
Heart		Fibrosis	Multifocal, Minimal
	Atrium	Thrombosis	Moderate
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Marked
Liver	Biliar Tract	Hyperplasia	Minimal
Pancreas		Atrophy	Mild
Parathyroid Gland		Hyperplasia	Minimal
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 3 DOSE: 0.025%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone Marrow	Brain	Ear
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Pancreas
Preputial Gland	Salivary Glands	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Bone		Fibrous Osteodystrophy	
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Heart		Fibrosis	Multifocal, Mild
Kidney	Renal Tubule	Adenoma	
	Cortex	Cyst	
		Nephropathy	Chronic, Marked
Liver		Angiectasis	Focal, Minimal
		Basophilic Focus	
		Developmental Malformation	
		Granuloma	Focal, Minimal
Mammary Gland	Duct	Cyst	
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Prostate		Inflammation	Suppurative, Acute, Moderate
Seminal Vesicle		Inflammation	Suppurative, Acute, Moderate
Skin		Inflammation	Suppurative, Acute, Focal, Mild
Note: SKIN LESION IS ON NASAL SECTION			
Spleen		Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 3 DOSE: 0.025%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Testes	Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 5 DOSE: 0.012%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Ear	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Eye	Retina	Degeneration	Mild
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Minimal
Pancreas		Atrophy	Mild
	Artery	Inflammation	Subacute, Moderate
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Hyperplasia	Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 620
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Eye	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spinal Cord	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Acute, Mild
Preputial Gland		Adenoma	
Prostate		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large	Intestine Small	Liver	Lung
Lymph Node	Pancreas	Parathyroid Gland	Preputial Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Eye		Cataract	Mild
	Retina	Degeneration	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
Mammary Gland	Duct	Cyst	
Nose		Foreign Body	Minimal
		Inflammation	Suppurative, Acute, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Prostate		Inflammation	Suppurative, Acute, Mild
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8	TRT#: 5 DOSE: 0.012%	SEX: Male DISP: Moribund	DAY ON TEST: 660 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large	Islets, Pancreatic	Lymph Node	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia Leukemia Mononuclear	Focal, Mild
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis Leukemia Mononuclear	Multifocal, Minimal
Intestine Small	Ileum	Polyp Adenomatous	
Kidney		Nephropathy	Chronic, Mild
Liver		Congestion	Mild
	Biliar Tract	Hyperplasia	Minimal
	Centrilobular	Necrosis	Moderate
Lung		Leukemia Mononuclear	
Pancreas		Atrophy	Moderate
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Carcinoma	
	Duct	Cyst	
Prostate		Inflammation	Suppurative, Acute, Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 695
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Stomach
Testes	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	Multiple
Bone		Fibrous Osteodystrophy	Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Marked
Liver		Developmental Malformation	Mild
	Biliar Tract	Hyperplasia	Minimal
Note: SLIDE I;LIVER LOBE HERNIATED			
Nose		Foreign Body	Minimal
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pancreas		Atrophy	Minimal
	Artery	Inflammation	Subacute, Moderate
Parathyroid Gland		Hyperplasia	Minimal
Skin		Squamous Cell Papilloma	
Note: LESION IS ON THE EAR			
Spleen		Fibrosis	Moderate
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9	TRT#: 3 DOSE: 0.025%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Ear	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Focal, Minimal
		Basophilic Focus	Multiple
		Developmental Malformation	Mild
	Biliar Tract	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
Preputial Gland	Duct	Cyst	
Prostate		Cyst	
Skin		Basal Cell Adenoma	
Note: SLIDE I;BASAL CELL ADENOMA			
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9

TRT#: 5

SEX: Male

DAY ON TEST: 695

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Mammary Gland	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach
Thymus	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Focal, Moderate
Note: SLIDE II;VACUOLIZATION CYTO			
Lymph Node	Lumbar	Ectasia	Moderate
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Minimal
Preputial Gland		Carcinoma	
Prostate		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Hyperplasia	Focal, Minimal
		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 618

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Multifocal, Mild
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Developmental Malformation	Mild
	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: DEVELOP MALFOR = TGL2			
Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Skin		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Ulcer	Mild
Testes	Interstit Cell	Adenoma	Multiple
		Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Thyroid Gland		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 3

SEX: Male

DAY ON TEST: 650

DOSE: 0.025%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hematopoietic Cell Proliferation	Mild
	Medulla	Pheochromocytoma Benign	
Brain		Astrocytoma Malignant	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Biliar Tract	Hyperplasia	Mild
Note: SLIDE III;BASOPH FOCUS			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Mesentery		Hemorrhage	Mild
		Sarcoma	
Note: SLIDE II; SARCOMA AND HEMARRHAGE			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland		Adenoma	
Note: SLIDE I;ADENOMA;			
Prostate		Inflammation	Suppurative, Acute, Minimal
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Moderate
Note: SLIDE II; HEMA CELL PROL IN SPLEEN			
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 5

SEX: Male

DAY ON TEST: 663

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Skin	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Prostate

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Multifocal, Mild
		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Mild
Lung	Alveolar Epith	Hyperplasia	Focal, Moderate
		Inflammation	Subacute, Multifocal, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 5

SEX: Male

DAY ON TEST: 663

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Malignant	
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Mild
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 3

SEX: Male

DAY ON TEST: 643

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Brain	Ear
Epididymis	Esophagus	Intestine Large	Intestine Small
Lung	Lymph Node	Pancreas	Preputial Gland
Prostate	Salivary Glands	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hematopoietic Cell Proliferation	Mild
Blood Vessel		Mineralization	Mild
Note: MINERAL IN AORTA AND MESENTERIC ARTERY;SLIDE 2 AND 6B			
Bone Marrow		Hyperplasia	Moderate
Ear			
Note: SLIDE WITH HEAD AND EARS EXAMINED;NORMAL			
Heart		Fibrosis	Multifocal, Mild
		Mineralization	Minimal
Islets, Pancreatic		Adenoma	
Kidney	Cortex	Mineralization	Moderate
		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Mild
	Centrilobular	Necrosis	Minimal
Mammary Gland	Duct	Cyst	
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Cyst	Mild
Skin		Abscess	Mild
	Subcut Tiss	Fibrosarcoma	
Note: ABSCESS ON FACE IS ON SLIDE 10			
		SLIDE I;FIBROSARCOMA IN FLANK	
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Glandular	Mineralization	Mild
Testes		Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:18
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11

TRT#: 3

DOSE: 0.025%

SEX: Male

DISP: Moribund

DAY ON TEST: 643

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Mineralization

Seminoma Malignant

Mild

Poor

Note: RARE TUMOR.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone Marrow	Brain	Ear
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	
Eye	Retina	Degeneration	Mild
	Cornea	Inflammation	Subacute, Focal, Moderate
Heart		Fibrosis	Multifocal, Moderate
Kidney		Nephropathy	Chronic, Marked
Liver		Leukemia Mononuclear	
Pancreas	Acinus	Adenoma	
Parathyroid Gland		Hyperplasia	Mild
Skin	Subcut Tiss	Fibroma	
Note: SLIDE I;FIBROMA			
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: SLIDE II;FIBROSIS			
Stomach	Glandular	Mineralization	Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Blood		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Marked
	Centrilobular	Leukemia Mononuclear	
		Necrosis	Mild
		Neoplastic Nodule	
Lung		Cyst	
		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: SLIDE III;FIBROADENOMA			
Preputial Gland		Adenoma	
		Inflammation	Suppurative, Acute, Mild
Note: SLIDE II;ADENOMA AND INFLAMMATION			
Prostate		Inflammation	Suppurative, Acute, Mild
Spleen		Leukemia Mononuclear	
		Sarcoma	
Note: SLIDE I;SARCOMA ON SPLEEN			
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Ear	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Eye		Cataract	Mild
	Retina	Degeneration	Mild
Heart		Fibrosis	Multifocal, Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
	Biliar Tract	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large
Intestine Small	Lung	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Stomach
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Heart		Fibrosis	Multifocal, Moderate
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Moderate
Liver		Congestion	Mild
	Biliar Tract	Hyperplasia	Moderate
Lymph Node	Pancreatic	Hyperplasia	Mild
Note: PANCREATIC NODE INSTEAD OF RENAL NODE			
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Focal, Moderate
Prostate		Fibrosis	Marked
Skin	Subcut Tiss	Fibroma	
		Hyperplasia	Moderate
		Trichoepithelioma	
Note: SLIDE III;TRICHOEPITHELIOMA			
Note: SLIDE I;HYPERPLASIA MODERATE			
Note: SLIDE II;FIBROMA			
Spleen		Fibrosis	Moderate
Testes	Interstit Cell	Adenoma	Multiple
Urinary Bladder	Transit Epithe	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Hyperplasia Nephropathy Angiectasis Hepatocellular Carcinoma	Fatty, Multifocal, Mild Focal, Mild Chronic, Marked Focal, Minimal
Nose		Inflammation	Suppurative, Acute, Mild
Prostate		Inflammation	Chronic, Mild
Skin		Alopecia	
Note: SLIDE I;SKIN/BACK;SLIDE II;SKIN/VENTRAL THORAX			
Stomach	Forestomach Forestomach Forestomach Forestomach	Hyperkeratosis Hyperplasia Inflammation Ulcer	Mild Mild Subacute, Mild Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 3

SEX: Male

DAY ON TEST: 699

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Eye		Cataract	Minimal
	Retina	Degeneration	Minimal
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Minimal
Mammary Gland	Duct	Cyst	
		Granuloma	Moderate
Pancreas		Atrophy	Moderate
Prostate		Inflammation	Suppurative, Acute, Mild
Skin		Keratoacanthoma	
Note: SLIDE I;KERATOACANTHOMA			
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 5

SEX: Male

DAY ON TEST: 696

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Kidney	Renal Tubule	Carcinoma	
		Nephropathy	Chronic, Moderate
Liver		Hemorrhage	Multifocal, Mild
	Biliar Tract	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
		Pigmentation	Hemosiderin, Multifocal, Mild
Lung		Leukemia Mononuclear	
Pancreas		Atrophy	Moderate
Pituitary Gland		Leukemia Mononuclear	
Skin	Subcut Tiss	Fibrosarcoma	
Note: SLIDE I;FIBROSARCOMA			
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreate
Lung	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Mild
Mammary Gland		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 14

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Ear	Epididymis	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Eye		Cataract	Marked
	Retina	Degeneration	Marked
		Hemorrhage	Mild
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Minimal
Lymph Node	Mesenteric	Ectasia	Mild
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

Animal Note: SLIDE II;CYSTIC BULBOURETHRAL GLAND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 14

TRT#: 5

SEX: Male

DAY ON TEST: 662

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Eye	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Mild
Mesentery	Fat	Necrosis	Focal, Moderate
Preputial Gland		Carcinoma	
		Inflammation	Suppurative, Acute, Moderate
Prostate		Concretion	Mild
Skin		Keratoacanthoma	
Note: SLIDE I;KERATOACANTHOMA			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
Blood		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Islets, Pancreatic		Carcinoma	
Kidney		Nephropathy	Chronic, Minimal
Liver	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Focal, Mild
Note: SLIDE I; FOCAL FAT NECROSIS OF MESENTERY IN SPERM CORD			
Prostate		Inflammation	Suppurative, Acute, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Spleen
Stomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Eye	Retina	Cataract	Moderate
		Degeneration	Moderate
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Minimal
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIOMA ADJACENT PANCREAS;SLIDE 5			
Pancreas		Atrophy	Moderate
Skin	Subcut Tiss	Fibroma	
		Keratoacanthoma	Multiple
Note: SLIDE I;FIBROMA			
Note: SLIDE II AND III;KERATOACANTHOMA			
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 5

SEX: Male

DAY ON TEST: 654

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Small	Islets, Pancreatic	Lymph Node	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Preputial Gland	Thymus
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OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
		Vacuolization Cytoplasmic	Diffuse, Moderate
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Prostate		Inflammation	Suppurative, Acute, Moderate
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 695

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Note: SLIDE II;MALIGNANT PHEOCHROMOCYTOMA			
Heart		Fibrosis	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver		Developmental Malformation	Mild
	Biliar Tract	Hyperplasia	Mild
	Centrilobular	Leukemia Mononuclear	
		Necrosis	Minimal
Note: DEVELOP MAL IS HERNIATED LIVER;SLIDE III			
Lung		Hemorrhage	Multifocal, Minimal
		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Pancreas	Acinus	Adenoma	
Prostate		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 3

SEX: Male

DAY ON TEST: 698

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Pancreas	Pituitary Gland	Salivary Glands
Seminal Vesicle	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Necrosis	Diffuse, Marked
	Medulla	Necrosis	Diffuse, Marked
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Angiectasis	Focal, Minimal
		Hyperplasia	Minimal
		Necrosis	Multifocal, Mild
Preputial Gland		Carcinoma	
Prostate		Inflammation	Suppurative, Acute, Marked
Skin		Trichoepithelioma	
Note: SLIDE I; TRICHOEPITHELIOMA.			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Inflammation	Subacute, Minimal
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Liver	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Pheochromocytoma Benign	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Preputial Gland		Inflammation	Suppurative, Acute, Mild
Skin	Subcut Tiss	Schwannoma Benign	
Note: SLIDE II;SCHWANNOMA BGN			
Note: SLIDE I;SKIN/EYELID NORMAL			
Stomach	Glandular	Mineralization	Mild
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Small	Islets, Pancreatic
Liver	Lung	Lymph Node	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Heart		Fibrosis	Multifocal, Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Moderate
Pancreas	Artery	Inflammation	Subacute, Mild
Note: SLIDE I;INFLAMMATION OF PANCREATIC ARTERIES			
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 17

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Angiectasis	Focal, Mild
	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Skin	Subcut Tiss	Fibroma	
Note: SLIDE I;FIBROMA			
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperkeratosis	Mild
	Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Marked
Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Moderate
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 17

TRT#: 5

SEX: Male

DAY ON TEST: 522

DOSE: 0.012%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Thymus	Thyroid Gland
Trachea			

MISSING

Preputial Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Necrosis	Marked
Mammary Gland	Duct	Cyst	
Mesentery		Mesothelioma Malignant	
Note: SLIDE I;CAME FROM SCROTAL AREA			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Spleen	Capsule	Mesothelioma Malignant	
Stomach	Serosa	Mesothelioma Malignant	
Testes	Interstit Cell	Adenoma	Multiple
	Capsule	Mesothelioma Malignant	
Urinary Bladder	Serosa	Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 576

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Liver	Lung	Preputial Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Brain		Compression	
Eye		Synechia	Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Lymph Node	Mandibular	Ectasia	Moderate
Mammary Gland	Duct	Cyst	
Nose		Adenocarcinoma	
		Fungus	Mild
		Inflammation	Suppurative, Acute, Mild
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
Prostate		Inflammation	Suppurative, Acute, Mild
Testes		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Pancreas	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Kidney		Nephropathy	Chronic, Moderate
Liver		Granuloma	Multifocal, Minimal
	Biliar Tract	Hyperplasia	Minimal
Lymph Node			
Note: SLIDE I; DESCRIBED AS LYMPH NODE IS MAMMARY TISSUS			
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 0.012%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Spleen	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Congestion	Mild
	Biliar Tract	Hyperplasia	Mild
Lung		Congestion	Mild
Mammary Gland	Duct	Cyst	
Stomach	Glandular	Mineralization	Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 603

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Blood		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: PANCREATIC LYMPH NODE;LEUKEMIA MONUC			
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Foreign Body	Mild
	Forestomach	Inflammation	Granulomatous, Focal, Mild
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19

TRT#: 3

SEX: Male

DAY ON TEST: 468

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Nose
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OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Eye	Retina	Degeneration	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Biliar Tract	Hyperplasia	Mild
	Centrilobular	Leukemia Mononuclear	
		Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Pancreas		Atrophy	Mild
Preputial Gland		Adenoma	
	Duct	Cyst	
		Inflammation	Suppurative, Acute, Moderate
Prostate		Inflammation	Suppurative, Acute, Marked
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
Tongue		Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Small
Lung	Lymph Node	Mammary Gland	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Eye		Cataract	Minimal
	Retina	Degeneration	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Islets, Pancreatic		Carcinoma	
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Multifocal, Mild
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
		Papilloma	
Pancreas	Artery	Inflammation	Subacute, Moderate
Preputial Gland		Adenoma	
	Duct	Cyst	
		Inflammation	Suppurative, Acute, Mild
Skin	Subcut Tiss	Fibroma	
Note: SLIDE I;FIBROMA			
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 694

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: MEDIASTINAL NODE;LEUKEMIA MONUC			
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Nose	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Multifocal, Mild
		Hepatocellular Carcinoma	
	Biliar Tract	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
		Neoplastic Nodule	Multiple
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Skin		Hyperkeratosis	Focal, Mild
		Hyperplasia	Focal, Moderate
		Inflammation	Subacute, Focal, Mild
Note: SLIDE I;ALL LESIONS LISTED ABOVE FOR SKIN			
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 5

SEX: Male

DAY ON TEST: 692

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large	Intestine Small	Liver
Lung	Lymph Node	Nose	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Brain		Degeneration	Multifocal, Minimal
Heart		Fibrosis	Multifocal, Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Marked
Mammary Gland	Duct	Cyst	
Pancreas		Adenoma	
Parathyroid Gland		Hyperplasia	Minimal
Note: SLIDE 3B;HYPERPLASIA OF PARATHYROID OBSERVED BY TRIMMER			
Pituitary Gland	Pars Distalis	Adenoma	
Stomach		Squamous Cell Papilloma	
Note: SLLIDE 5C;NOTICED BY TRIMMER DURING PROCESSING			
Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone Marrow	Brain	Ear
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Mammary Gland	Nose
Pancreas	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Bone		Fibrous Osteodystrophy	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Marked
Liver		Angiectasis	Multifocal, Minimal
		Basophilic Focus	Multiple
		Developmental Malformation	Mild
Note: SLIDE I;DEVELOP MALFOR IS HERNIATED LIVER			
Lymph Node	Mesenteric	Congestion	Mild
Parathyroid Gland		Hyperplasia	Minimal
Spleen		Atrophy	Moderate
		Fibrosis	Moderate
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Pancreas	Parathyroid Gland	Salivary Glands	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Preputial Gland

OBSERVATIONS

Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Eye	Retina	Degeneration	Moderate
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Angiectasis	Multifocal, Minimal
		Hyperplasia	Moderate
	Centrilobular	Leukemia Mononuclear	
		Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Mild
Mammary Gland	Duct	Cyst	
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Prostate		Inflammation	Suppurative, Acute, Moderate
Skin		Keratoacanthoma	
Note: SLIDE I;KERATOACANTHOMA			
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 5

SEX: Male

DAY ON TEST: 619

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Small	Islets, Pancreatic
Kidney	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Brain		Degeneration	Multifocal, Mild
Heart		Fibrosis	Multifocal, Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Liver	Biliar Tract	Hyperplasia	Moderate
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Preputial Gland		Carcinoma	
Prostate		Inflammation	Suppurative, Acute, Moderate
Skin		Inflammation	Suppurative, Acute, Focal, Marked
Note: LESION IS ON SCROTUM			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Glandular	Erosion	Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Intestine Large

Intestine Small

Islets, Pancreatic

Lymph Node

Mammary Gland

Nose

Parathyroid Gland

Pituitary Gland

Preputial Gland

Salivary Glands

Stomach

Thymus

Thyroid Gland

Trachea

Urinary Bladder

OBSERVATIONS

Blood

Leukemia Mononuclear

Heart

Fibrosis

Multifocal, Mild

Kidney

Nephropathy

Chronic, Mild

Liver

Biliar Tract

Hyperplasia

Mild

Lung

Leukemia Mononuclear

Pancreas

Leukemia Mononuclear

Prostate

Atrophy

Mild

Skin

Subcut Tiss

Inflammation

Suppurative, Acute, Minimal

Fibroma

Note: SLIDE I;SKIN OF BACK;FIBROMA

Spleen

Leukemia Mononuclear

Testes

Interstit Cell

Adenoma

Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 3

SEX: Male

DAY ON TEST: 453

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Mammary Gland	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Thymus	Thyroid Gland	Trachea	

MISSING

Nose	Preputial Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration Leukemia Mononuclear	Fatty, Focal, Mild
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage Leukemia Mononuclear	Multifocal, Moderate
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Minimal
Liver	Biliar Tract	Hyperplasia Leukemia Mononuclear	Mild
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Mild
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Stomach	Glandular	Erosion	Mild
Testes		Atrophy	Moderate
Urinary Bladder		Hemorrhage Leukemia Mononuclear	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Focal, Moderate
		Basophilic Focus	
		Developmental Malformation	Mild
	Biliar Tract	Hyperplasia	Mild
Note: DEVELOP MALFOR IS HERNIATED LIVER			
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pancreas		Atrophy	Minimal
Preputial Gland	Duct	Cyst	
		Inflammation	Suppurative, Acute, Moderate
Spleen		Fibrosis	Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:18

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 600

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Liver	Lung
Lymph Node	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Eye	Cornea	Inflammation	Chronic, Moderate
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Nose		Adenocarcinoma	Moderately Well
		Inflammation	Suppurative, Acute, Marked

Note: RARE TUMOR.

Testes	Interstit Cell	Adenoma	
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Mild
Eye	Retina	Degeneration	Minimal
Heart		Fibrosis	Multifocal, Minimal
Intestine Large	Cecum	Inflammation	Subacute, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Clear Cell Focus	
	Biliar Tract	Hyperplasia	Mild
Mammary Gland	Duct	Cyst	
		Inflammation	Chronic, Focal, Moderate
		Pigmentation	Hemosiderin, Moderate
Note: SLIDE I;MAMMARY GLAND LESIONS INCLUDING CYST			
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Liver	Lung
Lymph Node	Mammary Gland	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Eye	Retina	Cataract	Minimal
		Degeneration	Minimal
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Moderate
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Minimal
Pancreas	Acinus	Adenoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Skin		Inflammation	Suppurative, Acute, Focal, Mild
Note: INFLAMMATORY LESIONS ARE ON SKIN OF NASAL SECTIONS			
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 713

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Skin	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Focal, Mild
	Medulla	Leukemia Mononuclear	
	Note: SLIDE I;PHEOCHROMOCYTOMA AND ANGIECTASIS	Pheochromocytoma Malignant	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Prostate		Inflammation	Suppurative, Acute, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 3

SEX: Male

DAY ON TEST: 657

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone Marrow	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spinal Cord	Spleen	Stomach
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Bone		Osteosarcoma	
Brain		Degeneration	Multifocal, Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Marked
Liver	Biliar Tract	Hyperplasia	Mild
Lung		Osteosarcoma	Metastatic (Bone), Multiple (Bone)
Mammary Gland	Duct	Cyst	
Nose	Nasolacrim Dct	Inflammation	Suppurative, Acute, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Preputial Gland		Inflammation	Suppurative, Acute, Mild
Prostate		Inflammation	Suppurative, Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 5

SEX: Male

DAY ON TEST: 694

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Preputial Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Trachea	Urinary Bladder

MISSING

Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Heart		Fibrosis	Multifocal, Minimal
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Marked
Liver	Biliar Tract	Hyperplasia	Mild
Mammary Gland	Duct	Cyst	
Parathyroid Gland			
Note: PARATHYROIDS LOST IN PROCESSING			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Prostate		Inflammation	Suppurative, Acute, Mild
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland			
Note: THYROIDS LOST IN PROCESSING			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 25	TRT#: 1	SEX: Male	DAY ON TEST: 621
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Liver	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Lung		Congestion	Mild
Preputial Gland		Inflammation	Subacute, Mild
Prostate		Inflammation	Suppurative, Acute, Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 3

SEX: Male

DAY ON TEST: 657

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Eye	Retina	Cataract	Mild
		Degeneration	Mild
		Hemorrhage	Mild
Heart		Fibrosis	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Degeneration	Fatty, Focal, Mild
		Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 25	TRT#: 5 DOSE: 0.012%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large	Intestine Small	Liver	Lung
Nose	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Moderate
Lymph Node	Mesenteric	Ectasia	Minimal
Mammary Gland	Duct	Cyst	
Pancreas	Acinus	Adenoma	Multiple
		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Adenoma	
Testes	Interstitial Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 724

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Multifocal, Mild
	Cortex	Hyperplasia	Multifocal, Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Marked
Liver		Angiectasis	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Atrophy	Mild
		Hemangiosarcoma	
Note: SLIDE I;SPLEEN WITH HEMANGIOSARCOMA			
Testes	Interstit Cell	Adenoma	
		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Liver	Lung	Lymph Node
Pancreas	Parathyroid Gland	Preputial Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Mammary Gland	Duct	Cyst	
Nose		Foreign Body	Mild
		Fungus	Moderate
		Hemorrhage	Mild
		Inflammation	Suppurative, Acute, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Prostate		Inflammation	Suppurative, Acute, Minimal
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 5

SEX: Male

DAY ON TEST: 646

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
		Vacuolization Cytoplasmic	Diffuse, Mild
Lung		Leukemia Mononuclear	
Prostate		Inflammation	Suppurative, Acute, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 662

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Liver	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Pituitary Gland	Salivary Glands	Stomach	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Kidney		Nephropathy	Chronic, Moderate
Preputial Gland		Carcinoma	
		Inflammation	Suppurative, Acute, Mild
Prostate		Inflammation	Suppurative, Acute, Minimal
Skin	Subcut Tiss	Fibroma	
Note: SLIDE I;FIBROMA			
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Adenoma	
	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27	TRT#: 3 DOSE: 0.025%	SEX: Male DISP: Moribund	DAY ON TEST: 715 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lymph Node	Nose
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Degeneration	Multifocal, Mild
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Moderate
	Centrilobular	Leukemia Mononuclear	
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Diffuse, Mild
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Fibrosis	Multifocal, Mild
	Atrium	Thrombosis	Marked
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Mild
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Prostate		Inflammation	Suppurative, Acute, Mild
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 694

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Fibrosis	Focal, Marked
		Hyperplasia	Marked
	Centrilobular	Leukemia Mononuclear	
		Necrosis	Minimal
		Pigmentation	Hemosiderin, Focal, Moderate
Note: SLIDE I;FIBROSIS AND PIGMENTATION			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Mild
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Inflammation	Subacute, Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 3

SEX: Male

DAY ON TEST: 482

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Liver	Lymph Node	Mammary Gland
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spinal Cord	Spleen	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Nose	Preputial Gland
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OBSERVATIONS

Bone	Vertebra	Chordoma	
Note: RARE TUMOR			
Note: SLIDE II AND III;CHORDOMA IN PELVIC CAVITY			
Heart		Fibrosis	Multifocal, Mild
Intest Large			
Note: SLIDE I;COLON;NOT REMARKABLE			
Kidney		Hydronephrosis	Mild
		Nephropathy	Chronic, Mild
Lung		Congestion	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Edema	Mild
		Inflammation	Chronic, Mild
Stomach	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Hyperplasia	Minimal
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Skin	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Mild
Pancreas		Atrophy	Mild
Prostate		Inflammation	Suppurative, Acute, Minimal
Stomach	Artery	Inflammation	Subacute, Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Ear	Epididymis	Esophagus
Intestine Large	Intestine Small	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Fibrosis	Multifocal, Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Multifocal, Mild
		Basophilic Focus	
		Granuloma	Multifocal, Mild
Mammary Gland		Fibroadenoma	Multiple
Note: SLIDE I AND II HAVE FIBROADENOMA			
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Liver	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach	Thymus	Thyroid Gland	Tongue
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Kidney		Nephropathy	Chronic, Moderate
Mammary Gland	Duct	Cyst	
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Subacute, Mild
Skin		Inflammation	Granulomatous, Focal, Mild
Note: SKIN LESIONS ARE ON NASAL SECTION			
Testes	Interstitial Cell	Adenoma	Multiple
		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29	TRT#: 5 DOSE: 0.012%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Mild
Lymph Node	Mandibular	Ectasia	Mild
Preputial Gland		Adenoma	
	Duct	Cyst	
		Inflammation	Suppurative, Acute, Minimal
Prostate		Inflammation	Suppurative, Acute, Mild
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Fibrosis	Multifocal, Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Mild
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Preputial Gland		Inflammation	Subacute, Mild
Prostate		Inflammation	Suppurative, Acute, Moderate
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 30

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Ear
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Liver	Lung
Lymph Node	Nose	Parathyroid Gland	Preputial Gland
Salivary Glands	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain		Compression	
Kidney		Nephropathy	Chronic, Moderate
Mammary Gland	Duct	Cyst	
Pancreas	Artery	Hypertrophy	Marked
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Prostate		Inflammation	Suppurative, Acute, Moderate
Skin		Keratoacanthoma	
Note: SLIDE II;KERATOACANTHOMA			
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 30

TRT#: 5

SEX: Male

DAY ON TEST: 720

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large	Intestine Small	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
		Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Islets, Pancreatic		Adenoma	Multiple
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Ectasia	Mild
	Pancreatic	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Moderate
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: SLIDE III;FIBROSIS			
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Skin	Stomach
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Blood		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Angiectasis	Focal, Mild
		Hyperplasia	Moderate
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hyperplasia	Mild
Mesentery		Mesothelioma Malignant	
	Fat	Necrosis	Focal, Moderate
Note: SLIDE I;MESENTERIC FAT NECROSIS			
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstitial Cell	Adenoma	Multiple
	Tunic	Mesothelioma Malignant	
Thyroid Gland	Follicle	Hyperplasia	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Brain
Ear	Epididymis	Esophagus	Eye
Heart	Intestine Large	Intestine Small	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Mild
Mammary Gland	Duct	Cyst	
Preputial Gland		Carcinoma	
Skin		Hyperplasia	Focal, Marked
		Squamous Cell Papilloma	
Note: SLIDE III;PREPUCE;PAPILLOMA SQUA			
Note: SLIDE I;HYPERPLASIA			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Brain		Degeneration	Multifocal, Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Mild
	Biliar Tract	Hyperplasia	Mild
Prostate		Inflammation	Suppurative, Acute, Mild
Testes	Interstitial Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32	TRT#: 1	SEX: Male	DAY ON TEST: 574
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Cortex	Congestion	Mild
	Medulla	Leukemia Mononuclear	
		Necrosis	Multifocal, Mild
Blood		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Diffuse, Mild
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Nose		Foreign Body	Moderate
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: SLIDE I;FIBROSIS OF SPLEEN			
Stomach	Glandular	Ulcer	Multiple, Moderate
Testes	Interstit Cell	Adenoma	Multiple
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Ear	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Pancreas	Parathyroid Gland	Salivary Glands	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Preputial Gland

OBSERVATIONS

Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Vacuolization Cytoplasmic	Diffuse, Mild
Lung		Alveolar/Bronchiolar Adenoma	
Mammary Gland	Duct	Cyst	
Nose		Fungus	Marked
		Hemorrhage	Mild
		Inflammation	Suppurative, Acute, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Prostate		Inflammation	Suppurative, Acute, Minimal
Skin	Subcut Tiss	Fibroma	
		Inflammation	Chronic, Focal, Moderate
Note: SLIDE I;INFLAMMATION			
Note: SLIDE II;FIBROMA			
Spleen		Fibrosis	Moderate
Note: SLIDE III;FIBROSIS			
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 32	TRT#: 5	SEX: Male	DAY ON TEST: 735
	DOSE: 0.012%	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Granuloma	Multifocal, Minimal
	Biliar Tract	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Focal, Mild
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Minimal
Pancreas		Atrophy	Mild
Skin		Hyperkeratosis	Focal, Mild
		Hyperplasia	Focal, Mild
		Inflammation	Subacute, Focal, Mild
		Congestion	Mild
	Interstitial Cell	Adenoma	Multiple

Note: SLIDE I;ALL LESIONS

PRIMARY CAUSE OF DEATH -

Animal Note: SLIDE I;ALL LESIONS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 694

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Epididymis	Preputial Gland	Testes
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Heart	Atrium	Fibrosis	Multifocal, Mild
		Thrombosis	Moderate
Kidney		Nephropathy	Chronic, Mild
Liver	Centrilobular	Necrosis	Mild
Lymph Node	Mesenteric	Ectasia	Marked
Prostate		Inflammation	Suppurative, Acute, Mild
Skin	Subcut Tiss	Fibroma	
Note: SLIDE I;FIBROMA			
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Eye		Cataract	Marked
	Retina	Degeneration	Marked
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
	Biliar Tract	Hyperplasia	Minimal
Mammary Gland	Duct	Cyst	
Nose		Inflammation	Suppurative, Acute, Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Marked
	Hepatocyte	Hypertrophy	Minimal
		Leukemia Mononuclear	
Lung	Centrilobular	Necrosis	Minimal
		Hemorrhage	Multifocal, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 603

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Nose	Parathyroid Gland
Preputial Gland	Salivary Glands	Skin	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Blood		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Diffuse, Moderate
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	
		Leukemia Mononuclear	
Prostate		Inflammation	Suppurative, Acute, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Ear	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Nose

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	Multiple
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Eye	Retina	Degeneration	Minimal
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Moderate
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.012%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone Marrow	Brain	Ear
Epididymis	Esophagus	Intestine Small	Islets, Pancreatic
Lymph Node	Mammary Gland	Nose	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Blood Vessel		Mineralization	Marked
Note: MINERALIZATION OF WALLS OF MAJOR VESSELS			
Bone		Fibrous Osteodystrophy	
Eye	Cornea	Inflammation	Subacute, Diffuse, Mild
Heart		Fibrosis	Multifocal, Mild
		Mineralization	Mild
Intestine Large	Rectum	Mineralization	Mild
Kidney	Cortex	Mineralization	Moderate
		Nephropathy	Chronic, Marked
Liver		Vacuolization Cytoplasmic	Focal, Mild
Lung		Congestion	Mild
		Hyperplasia	Histiocytic, Mild
Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Moderate
Parathyroid Gland		Hyperplasia	Mild
Spleen		Fibrosis	Mild
Stomach	Forestomach	Mineralization	Moderate
	Glandular	Mineralization	Moderate
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Focal, Mild
	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
Prostate		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 3

SEX: Male

DAY ON TEST: 695

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain		Degeneration	Multifocal, Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Hemorrhage	Focal, Mild
Prostate		Inflammation	Suppurative, Acute, Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 5

SEX: Male

DAY ON TEST: 646

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	

OBSERVATIONS

Adrenal Gland	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Ectasia	Minimal
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pancreas		Atrophy	Marked
Preputial Gland		Inflammation	Chronic, Mild
Seminal Vesicle		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstitial Cell	Adenoma	Multiple
Thymus		Leukemia Mononuclear	
Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Minimal
Lymph Node	Mesenteric	Ectasia	Mild
Preputial Gland	Duct	Cyst	
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 3

SEX: Male

DAY ON TEST: 664

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lymph Node	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Diffuse, Mild
		Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Multifocal, Moderate
		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
		Necrosis	Focal, Moderate
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
		Ultimobranchial Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 3

SEX: Male

DAY ON TEST: 664

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Mammary Gland
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Biliar Tract	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Lumbar	Ectasia	Minimal
	Mandibular	Ectasia	Mild
	Mandibular	Leukemia Mononuclear	
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Minimal
Pancreas		Atrophy	Mild
Pituitary Gland		Leukemia Mononuclear	
Skin		Cyst Epithelial Inclusion	
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 585

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Brain		Hemorrhage	Multifocal, Moderate
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Ulcer	Moderate
	Glandular	Ulcer	Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37	TRT#: 3 DOSE: 0.025%	SEX: Male DISP: Dead	DAY ON TEST: 680 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Brain		Bacterium	Mild
		Degeneration	Multifocal, Minimal
		Necrosis	Focal, Mild
		Thrombosis	Moderate
Heart		Fibrosis	Multifocal, Minimal
	Atrium	Thrombosis	Moderate
Kidney	Cortex	Mineralization	Mild
		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Mild
	Centrilobular	Necrosis	Mild
		Neoplastic Nodule	
Mammary Gland		Fibroadenoma	
Note: SLIDE II;FIBROADENOMA; SLIDE III;FIBROADENOMA			
Nose		Foreign Body	Mild
		Fungus	Marked
		Inflammation	Suppurative, Acute, Mild
Preputial Gland		Inflammation	Suppurative, Acute, Mild
Skin		Keratoacanthoma	
Note: SLIDE 1;KERATOACANTHOMA			
Spleen		Atrophy	Moderate
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 5

SEX: Male

DAY ON TEST: 639

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Ectasia	Minimal
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Prostate		Inflammation	Suppurative, Acute, Mild
Spleen		Leukemia Mononuclear	
		Necrosis	Focal, Marked
Note: SLIDE I;SPLEEN WITH NECROSIS			
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 698

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Stomach	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Blood		Leukemia Mononuclear	
Brain		Degeneration	Multifocal, Mild
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Multifocal, Mild
		Leukemia Mononuclear	
Nose	Nasolacrim Dct	Inflammation	Suppurative, Acute, Minimal
Pancreas		Atrophy	Minimal
Prostate		Inflammation	Suppurative, Acute, Minimal
Skin		Squamous Cell Papilloma	
Note: SLIDE I;SQUAMOUS CELL PAPILOMA			
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Blood		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Focal, Mild
	Biliar Tract	Basophilic Focus	
		Hyperplasia	Mild
		Leukemia Mononuclear	
		Neoplastic Nodule	
Lymph Node	Mandibular	Ectasia	Mild
Skin	Subcut Tiss	Fibroma	
Note: SLIDE I;FIBROMA			
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 5

SEX: Male

DAY ON TEST: 647

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Mammary Gland
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Multifocal, Moderate
		Eosinophilic Focus	
	Biliar Tract	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Mild
	Pancreatic	Ectasia	Mild
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: SLIDES I,II,III,IV,LYMPH NODES ABOVE			
Nose		Fungus	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 5

SEX: Male

DAY ON TEST: 647

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Inflammation	Suppurative, Acute, Mild
Prostate		Atrophy	Moderate
Spleen		Inflammation	Subacute, Mild
Testes	Interstit Cell	Leukemia Mononuclear	
		Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 667

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Blood		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hemorrhage	Focal, Mild
		Hyperplasia	Marked
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
		Necrosis	Multifocal, Moderate
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Prostate		Inflammation	Suppurative, Acute, Minimal
Skin		Keratoacanthoma	
Note: SLIDE I;KERATOACANTHOMA			
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 3

SEX: Male

DAY ON TEST: 367

DOSE: 0.025%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Liver	Lung	Lymph Node
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Nose	Preputial Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Necrosis	Multifocal, Mild
Kidney		Inflammation	Suppurative, Acute, Marked
	Papilla	Necrosis	Marked
Prostate		Inflammation	Suppurative, Acute, Moderate
Spleen		Pigmentation	Hemosiderin, Moderate
Urinary Bladder		Inflammation	Suppurative, Acute, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 5

SEX: Male

DAY ON TEST: 620

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: SLIDE III;PANCREATIC NODE;SLIDE IV;MESENTERIC NODE			
Note: SLIDE VII;MEDIASTINAL NODE			
Note: SLIDE I,II;AXILLARY NODE			
Note: SLIDE V;ILIAC NODE;SLIDE VI;RENAL NODE			
Prostate		Inflammation	Suppurative, Acute, Moderate
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Intestine Small
Islets, Pancreatic	Lung	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Heart		Fibrosis	Multifocal, Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Marked
Liver		Angiectasis	Multifocal, Mild
		Basophilic Focus	Multiple
Lymph Node	Mesenteric	Angiectasis	Moderate
Pancreas	Artery	Inflammation	Subacute, Mild
Skin		Hyperkeratosis	Focal, Moderate
		Hyperplasia	Focal, Mild
		Inflammation	Granulomatous, Focal, Mild

Note: SLIDE I;HYPERPLASIA AND HYPERKERATOSIS

Note: GRANULOMATOUS INFLAMMATION ON NASAL SECTION

Spleen	Capsule	Fibrosis	Focal, Minimal
Stomach	Artery	Inflammation	Subacute, Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Skin	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Focal, Mild
	Biliar Tract	Hyperplasia	Minimal
Pancreas		Atrophy	Minimal
Prostate		Inflammation	Suppurative, Acute, Mild
Spleen	Capsule	Sarcoma	
Note: SARCOMA BELIEVED TO BE OSTEOSARCOMA		TERM NOT AVAILABLE ON TDMS	
Stomach	Serosa	Sarcoma	
Note: SARCOMA BELIEVED TO BE OSTEOSARCOMA		TERM NOT AVAILABLE ON TDMS	
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Intestine Small
Islets, Pancreatic	Lung	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Mild
	Medulla	Pheochromocytoma Benign	
Heart		Fibrosis	Multifocal, Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Marked
Liver		Angiectasis	Focal, Minimal
Lymph Node	Mandibular	Ectasia	Mild
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Moderate
Prostate		Inflammation	Suppurative, Acute, Mild
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Ear	Epididymis	Esophagus
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Heart		Fibrosis	Multifocal, Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Neoplastic Nodule	
Pancreas		Atrophy	Mild
Prostate		Inflammation	Suppurative, Acute, Minimal
Testes	Interstitial Cell	Adenoma	Multiple
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Prostate		Inflammation	Suppurative, Acute, Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 5

SEX: Male

DAY ON TEST: 708

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Brain		Degeneration	Multifocal, Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Angiectasis	Focal, Mild
		Basophilic Focus	
	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Multifocal, Mild
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Pancreas		Atrophy	Mild
Prostate		Inflammation	Suppurative, Acute, Mild
Skin	Subcut Tiss	Fibroma	
Note: SLIDE I;SUBCUTIS MASS; FIBROMA			
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 695

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lymph Node	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Blood		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver		Angiectasis	Multifocal, Moderate
	Biliar Tract	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Prostate		Inflammation	Suppurative, Acute, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Small	Lung
Mammary Gland	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Heart		Fibrosis	Multifocal, Minimal
Intestine Large	Colon	Parasite Metazoan	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Marked
Liver		Angiectasis	Multifocal, Moderate
		Neoplastic Nodule	Multiple
Note: SLIDE III AND REGULAR SECTION;ANGIECTASIS AND NEOPLASIA			
Lymph Node	Mesenteric	Ectasia	Mild
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pancreas		Atrophy	Minimal
Skin		Keratoacanthoma	
Note: SLIDE I;KERATOACANTHOMA			
Spleen		Congestion	Mild
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 5

SEX: Male

DAY ON TEST: 695

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Mammary Gland	Nose
Parathyroid Gland	Preputial Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Moderate
	Medulla	Hyperplasia	Focal, Mild
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
		Leukemia Mononuclear	
Lung		Ectasia	Mild
Lymph Node	Mandibular	Atrophy	Mild
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Inflammation	Suppurative, Acute, Minimal
Prostate		Fibrosis	Mild
Spleen		Leukemia Mononuclear	

Note: SLIDE I;SPLEEN;FIBROSIS

Testes	Interstit Cell	Adenoma	Multiple
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 661

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Liver
Lung	Nose	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Pituitary Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
Lymph Node	Iliac	Ectasia	Marked
	Mandibular	Ectasia	Moderate
	Inguinal	Hyperplasia	Mild
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Moderate
Pituitary Gland			
Note: SLIDE III;SEARCH OF WET TISSUE;NO PITUITARY			
Preputial Gland		Carcinoma	
Prostate		Inflammation	Suppurative, Acute, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 3

SEX: Male

DAY ON TEST: 576

DOSE: 0.025%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hemorrhage	Multifocal, Moderate
	Cortex	Leukemia Mononuclear	
Heart		Necrosis	Multifocal, Moderate
Kidney		Fibrosis	Multifocal, Mild
		Leukemia Mononuclear	
Liver	Biliar Tract	Nephropathy	Chronic, Mild
		Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 5

SEX: Male

DAY ON TEST: 643

DOSE: 0.012%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Mammary Gland
Pancreas	Pituitary Gland	Preputial Gland	Salivary Glands
Skin	Spleen	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Blood Vessel		Mineralization	Moderate
Note: MINERALIZATION IN MAJOR VESSELS IN THORAX AND ABDOMAN			
Bone		Fibrous Osteodystrophy	Moderate
Heart		Fibrosis	Multifocal, Mild
		Mineralization	Moderate
Kidney	Cortex	Mineralization	Marked
		Nephropathy	Chronic, Marked
Liver	Biliar Tract	Hyperplasia	Minimal
		Necrosis	Multifocal, Mild
Lung		Congestion	Mild
		Mineralization	Mild
Lymph Node	Deep Cervical	Congestion	Moderate
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Parathyroid Gland		Hyperplasia	Mild
Prostate		Inflammation	Subacute, Moderate
Stomach	Forestomach	Mineralization	Mild
	Glandular	Mineralization	Marked
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Blood		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Intestine Large	Colon	Diverticulum	Mild
	Colon	Edema	Mild
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Mild
	Centrilobular	Leukemia Mononuclear	
Mammary Gland		Necrosis	Minimal
Skin	Subcut Tiss	Fibroadenoma	
Note: SLIDE V;LIPOSARCOMA		Liposarcoma	
Spleen		Developmental Malformation	Mild
		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

Animal Note: SLIDE II;CYSTIC BULBOURETHRAL GLAND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone Marrow	Brain	Ear
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Nose	Pancreas
Preputial Gland	Salivary Glands	Skin	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Marked
Liver		Angiectasis	Focal, Minimal
	Biliar Tract	Hyperplasia	Mild
Lymph Node	Mandibular	Ectasia	Mild
	Pancreatic	Ectasia	Minimal
Mammary Gland	Duct	Cyst	
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Note: ADENOMA EXTENDS DOWN IN CRANIUM ADJACENT TO EAR			
Prostate		Inflammation	Subacute, Marked
Spleen		Fibrosis	Mild
Note: SLIDE I; FIBROSIS OF SPLEEN			
Stomach	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Hyperplasia	Minimal
	Forestomach	Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Ear
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Mammary Gland	Parathyroid Gland	Salivary Glands
Stomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Brain		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Minimal
	Atrium	Thrombosis	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Mild
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pancreas		Atrophy	Minimal
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland	Duct	Cyst	
		Inflammation	Suppurative, Acute, Moderate
Prostate		Inflammation	Subacute, Mild
Skin		Keratoacanthoma	
Note: SLIDE I;KERATOACANTHOMA			
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 45	TRT#: 1	SEX: Male	DAY ON TEST: 697
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Liver	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 3

SEX: Male

DAY ON TEST: 667

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Parathyroid Gland
Prostate	Salivary Glands	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
	Medulla	Leukemia Mononuclear	
		Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Brain		Degeneration	Multifocal, Minimal
Heart		Fibrosis	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pancreas		Atrophy	Mild
		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Carcinoma	
		Inflammation	Suppurative, Acute, Mild
Skin		Keratoacanthoma	
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 5

SEX: Male

DAY ON TEST: 538

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Brain
Epididymis	Esophagus	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Fibrosis	Multifocal, Mild
Intestine Large	Serosa	Mesothelioma Malignant	
Intestine Small	Serosa	Mesothelioma Malignant	
Kidney		Nephropathy	Chronic, Minimal
Liver	Capsule	Mesothelioma Malignant	
	Centrilobular	Necrosis	Minimal
		Vacuolization Cytoplasmic	Diffuse, Moderate
		Mesothelioma Malignant	
Mesentery			
Note: SLIDE I; TAKEN FROM AREA OF SPERMATIC CORD			
Pancreas	Serosa	Mesothelioma Malignant	
Preputial Gland		Inflammation	Suppurative, Acute, Mild
Seminal Vesicle	Serosa	Mesothelioma Malignant	
Skeletal Muscle		Mesothelioma Malignant	Multiple
Note: SLIDE II; III; MESOTHELIO MAL IN ABDOMINAL & DIAPHRAGM MUSCLES			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Glandular	Erosion	Multiple, Marked
	Serosa	Mesothelioma Malignant	
Testes	Interstitial Cell	Adenoma	Multiple
	Capsule	Mesothelioma Malignant	
Urinary Bladder	Serosa	Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Ear	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Stomach	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Focal, Mild
	Medulla	Pheochromocytoma Benign	Multiple
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Marked
Liver	Biliar Tract	Angiectasis	Multifocal, Mild
	Hepatocyte	Hyperplasia	Mild
		Hypertrophy	Minimal
		Leukemia Mononuclear	
		Neoplastic Nodule	
		Vacuolization Cytoplasmic	Multifocal, Minimal
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Nose		Inflammation	Suppurative, Acute, Minimal
Pituitary Gland	Pars Distalis	Hemorrhage	Focal, Minimal
Skin		Inflammation	Suppurative, Acute, Focal, Mild
		Note: INFLAMMATION OF SKIN IS ON NASAL SECTION	
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: THORACIC FLUID SLIDE EXAMINED;UNDIFFERENTIATED CELLS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach
Thymus	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
	Medulla	Pheochromocytoma Benign	
Brain		Degeneration	Multifocal, Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Ectasia	Marked
Mesentery	Fat	Necrosis	Focal, Moderate
Nose		Foreign Body	Minimal
		Inflammation	Suppurative, Acute, Minimal
Preputial Gland		Carcinoma	
		Inflammation	Suppurative, Acute, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
Trachea		Inflammation	Subacute, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 5

SEX: Male

DAY ON TEST: 559

DOSE: 0.012%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Nose
Prostate	Skin	Stomach	

MISSING

Esophagus	Lymph Node	Mammary Gland	Parathyroid Gland
Pituitary Gland	Salivary Glands	Thyroid Gland	Trachea

AUTO PRECLUDES DIAG.

Adrenal Gland	Intestine Large	Intestine Small	Islets, Pancreatic
Pancreas	Urinary Bladder		

OBSERVATIONS

Brain		Compression	
Heart		Bacterium	Marked
		Inflammation	Suppurative, Acute, Marked
	Atrium	Thrombosis	Marked
Kidney		Bacterium	Moderate
		Inflammation	Suppurative, Acute, Moderate
Liver		Leukemia Mononuclear	
		Thrombosis	
Lung		Leukemia Mononuclear	
Preputial Gland		Inflammation	Suppurative, Acute, Moderate
Note: SLIDE I AND II; INFLAMMATION OF PREPUTIAL GLANDS			
Spleen		Inflammation	Suppurative, Acute, Moderate
		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
Thymus	Mediastinum	Inflammation	Suppurative, Acute, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 694

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Ear	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Mild
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Preputial Gland	Duct	Cyst	
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 3

SEX: Male

DAY ON TEST: 629

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Parathyroid Gland	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Developmental Malformation	Mild
	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Ectasia	Mild
	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Moderate
Pancreas		Atrophy	Moderate
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Prostate		Inflammation	Suppurative, Acute, Marked
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Skin		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 47

TRT#: 3

SEX: Male

DAY ON TEST: 629

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SLIDE I;PAPILLOMA SQUA

Spleen

Leukemia Mononuclear

Testes

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Small	Islets, Pancreatic	Lymph Node	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Marked
Liver		Angiectasis	Focal, Mild
		Eosinophilic Focus	
	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Small
Islets, Pancreatic	Lung	Nose	Parathyroid Gland
Preputial Gland	Salivary Glands	Spleen	Stomach
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Fibrosis	Multifocal, Minimal
Intestine Large	Colon	Cyst	
	Rectum	Parasite Metazoan	Mild
Note: SLIDE IV;APPEARS TO BE A KERATINIZED CYST			
Kidney		Nephropathy	Chronic, Mild
Liver		Developmental Malformation	Mild
	Biliar Tract	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Focal, Mild
Note: SLIDE V;DEVELOP MAALFOR IS HERNIATED LIVER			
Lymph Node	Mandibular	Ectasia	Mild
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;LARGE CYSTIC DUCT		SLIDE II;FIBROADENOMA	
Pancreas	Acinus	Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Acute, Mild
Skin		Cyst Epithelial Inclusion	
Note: SLIDE III;EPIDERMAL INCLUSION CYST			
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Ear	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Stomach
Thyroid Gland	Trachea		

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Eosinophilic Focus	Multiple, Moderate
	Biliar Tract	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
		Neoplastic Nodule	
Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE III;ALSO HAS CYSTIC DUCT			
Skin		Squamous Cell Papilloma	
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 5

SEX: Male

DAY ON TEST: 583

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Spleen
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Mild
Mammary Gland	Duct	Cyst	
Skin	Subcut Tiss	Sarcoma	
Note: SLIDE I;SARCOMA,POOR			
Stomach	Forestomach	Hyperkeratosis	Mild
	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
	Forestomach	Ulcer	Moderate
Testes	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 672

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Angiectasis	Focal, Minimal
	Biliar Tract	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Mild
Pituitary Gland	Pars Distalis	Cyst	
Prostate		Hemorrhage	Marked
		Schwannoma Malignant	
		Leukemia Mononuclear	
		Adenoma	Multiple

Note: SLIDE I AND 7; SCHWANNOMA AND HEMORRHAGE.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 49	TRT#: 3 DOSE: 0.025%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Liver	Lung
Lymph Node	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Pancreas	Artery	Inflammation	Subacute, Mild
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Epididymis	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Parathyroid Gland	Preputial Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Angiectasis	Focal, Minimal
	Biliar Tract	Hyperplasia	Minimal
Mammary Gland	Duct	Cyst	
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Prostate		Inflammation	Suppurative, Acute, Minimal
Testes	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 724

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Nose
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach	Trachea	

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Mild
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Carcinoma	
Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Ear	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spinal Cord	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Angiectasis	Multifocal, Minimal
	Biliar Tract	Hyperplasia	Mild
Nose		Inflammation	Chronic, Moderate
Note: INFLAMMATION AND DISTORTION OF BONE:1ST NASAL SLIDE			
Testes	Interstit Cell	Adenoma	
Tooth		Neoplasm Nos	
Note: NEOPLASM IS ODONTOMA			
Note: RARE TUMOR			
Note: ODONTOMA IS NOT AVAILABLE IN PCT			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Focal, Minimal
		Hepatodiaphragmatic Nodule	
Mammary Gland	Duct	Cyst	
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pancreas	Acinus	Adenoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Skin		Basal Cell Adenoma	
		Cyst Epithelial Inclusion	
	Subcut Tiss	Fibroma	
		Inflammation	Chronic, Focal, Mild

Note: SLIDE II;FIBROMA

Note: INFLAMMATION ON SKIN OF NOSE;FIRST SECTION; CYST LOCATED ON SKIN OF FIRST NASAL SECTION; BASAL CELL TUMOR ON SKIN OF NOSE

Note: SLIDE I;BASAL CELL ADENOMA

Testes	Interstit Cell	Adenoma	Multiple
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1	TRT#: 2	SEX: Female	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Bone			
Note: SLIDE WITH CALVARIA IS NORMAL			
Heart		Fibrosis	Multifocal, Minimal
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Cyst	
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 1	TRT#: 4 DOSE: 0.025%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Ear	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Eye	Retina	Degeneration	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: LESIONS ARE ON SLIDE I AND II			
Pancreas		Atrophy	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1	TRT#: 6 DOSE: 0.012%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Granuloma	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Uterus	Cervix	Abscess	Moderate
	Cervix	Cyst	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 2	SEX: Female	DAY ON TEST: 531
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Hyperplasia	Focal, Minimal
Bone			
Note: SLIDE IV;CALVARIUM;NORMAL			
Bone Marrow		Hyperplasia	Mild
Liver		Angiectasis	Focal, Mild
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
Uterus		Inflammation	Suppurative, Acute, Mild
		Necrosis	Moderate
		Sarcoma Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 4	SEX: Female	DAY ON TEST: 734
	DOSE: 0.025%	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Parathyroid Gland	Salivary Glands
Stomach	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Pheochromocytoma Malignant	
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: LESIONS ALSO ON SLIDE 8			
Note: LESIONS ALSO ON SLIDE I			
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Skin		Basal Cell Adenoma	
		Inflammation	Suppurative, Acute, Focal, Minimal
Note: INFLAMMATORY LESION ON FIRST NASAL SECTION			
Note: NEOPLASM ON SLIDE II			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Cyst	
Tooth		Inflammation	Suppurative, Acute, Mild
Note: INFLAMMATION AROUND TOOTH ON THIRD NASAL SECTION			
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 6	SEX: Female	DAY ON TEST: 735
	DOSE: 0.012%	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Brain		Compression	
Clitoral Gland		Carcinoma	
		Inflammation	Suppurative, Acute, Mild
Eye		Cataract	Marked
	Retina	Degeneration	Marked
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Developmental Malformation	Mild
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3	TRT#: 2	SEX: Female	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone			
Note: SLIDE WITH CALVARIA ABSENT			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
	Biliar Tract	Hyperplasia	Minimal
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Stomach	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Hyperplasia	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3	TRT#: 4 DOSE: 0.025%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Ear	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Eye	Cornea	Inflammation	Chronic, Moderate
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Vacuolization Cytoplasmic	Focal, Moderate
Note: LESION IS ON SLIDE II			
Mammary Gland	Duct	Cyst	
Mesentery	Fat	Necrosis	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Uterus	Cervix	Abscess	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 6 DOSE: 0.012%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Ovary

OBSERVATIONS

Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
Uterus		Adenocarcinoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4	TRT#: 2	SEX: Female	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: SLIDES I,II,AND III;ALL FOBROADENOMAS			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4	TRT#: 4 DOSE: 0.025%	SEX: Female DISP: Moribund	DAY ON TEST: 629 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Ear	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Skin	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Clitoral Gland

OBSERVATIONS

Bone			
Note: SLIDE OF CALVARIUM;NORMAL			
Ear			
Note: SLIDE WITH HEAD AND EAR;NORMAL			
Kidney		Nephropathy	Chronic, Marked
Liver		Developmental Malformation	Mild
		Vacuolization Cytoplasmic	Diffuse, Marked
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: FIBROADENOMA IS ON SLIDES I AND II.			
Note: CYSTIC DUCTS ARE ON ALL SECTIONS OF MAMMARY TISSUS			
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands	Duct	Cyst	
		Inflammation	Subacute, Multifocal, Mild
Stomach	Forestomach	Edema	Moderate
	Glandular	Erosion	Mild
	Forestomach	Ulcer	Mild
Uterus	Cervix	Abscess	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4	TRT#: 6 DOSE: 0.012%	SEX: Female DISP: Moribund	DAY ON TEST: 643 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Nose	Ovary	Pancreas
Parathyroid Gland	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Congestion	Diffuse, Mild
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract Hepatocyte	Hyperplasia Hypertrophy Leukemia Mononuclear	Mild Minimal
Lung		Congestion Hemorrhage Leukemia Mononuclear	Moderate Multifocal, Mild
Lymph Node	Deep Cervical	Congestion	Mild
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Pigmentation	Minimal Hemosiderin, Minimal
Salivary Glands	Duct	Cyst	
Spleen		Leukemia Mononuclear	
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5

TRT#: 4

SEX: Female

DAY ON TEST: 694

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Brain
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Clitoral Gland		Adenoma	
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Ulcer	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5	TRT#: 6 DOSE: 0.012%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Clitoral Gland
Ear	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Brain		Degeneration	Multifocal, Mild
Eye		Cataract	Marked
	Retina	Degeneration	Marked
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Lacrimal Gland		Ectopic Harderian	Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Mild
	Biliar Tract	Hyperplasia	Mild
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 6	TRT#: 2	SEX: Female	DAY ON TEST: 736
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Clitoral Gland		Cyst	
		Inflammation	Subacute, Focal, Mild
Kidney		Nephropathy	Chronic, Marked
Liver		Basophilic Focus	
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Moderate
Skin		Inflammation	Subacute, Focal, Moderate
Note: SLIDE I;INFLAMMATION IN PUBIC AREA			
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 4 DOSE: 0.025%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Intestine Large	Intestine Small	Islets, Pancreatic
Liver	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Marked
Mammary Gland	Duct	Cyst	
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Uterus	Cervix	Cyst	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 6	TRT#: 6 DOSE: 0.012%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Heart		Fibrosis	Multifocal, Minimal
Liver		Basophilic Focus	Multiple
	Biliar Tract	Hyperplasia	Minimal
Mammary Gland	Duct	Cyst	
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Cyst	
Uterus		Hydrometra	Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Clitoral Gland		Adenoma	
		Cyst	
		Inflammation	Suppurative, Acute, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 4 DOSE: 0.025%	SEX: Female DISP: Dead	DAY ON TEST: 631 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Kidney	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Heart		Fibrosis	Multifocal, Mild
Liver		Basophilic Focus	
		Necrosis	Multifocal, Mild
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Uterus	Mucosa	Cyst	
	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone Marrow	Clitoral Gland
Ear	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Bone	Cranium	Hyperostosis	Focal, Marked
Brain		Glioma Malignant	
		Mineralization	Focal, Mild
Eye		Cataract	Marked
	Retina	Degeneration	Moderate
Liver		Basophilic Focus	Multiple
		Developmental Malformation	Mild
Note: DEVELOP MALFOR IS HERNIATED LIVER			
Mammary Gland		Fibroadenoma	
Mesentery	Fat	Necrosis	Focal, Moderate
Pituitary Gland	Pars Distalis	Cyst	
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8	TRT#: 2	SEX: Female	DAY ON TEST: 405
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Liver	Lung	Lymph Node
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Nose
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OBSERVATIONS

Brain		Compression	
Kidney		Nephropathy	Chronic, Minimal
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8	TRT#: 4 DOSE: 0.025%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Brain		Compression	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Mild
		Hepatodiaphragmatic Nodule	
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
		Hyperplasia	Glandular, Moderate
Note: SLIDES I AND II-HYPERPLASIA; SLIDES III AND IV-FIBROADENOMA.			
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Stomach	Forestomach	Ulcer	Moderate
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Eye		Cataract	Marked
	Retina	Degeneration	Marked
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Lacrimal Gland		Ectopic Harderian	Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Mild
		Vacuolization Cytoplasmic	Focal, Mild
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Minimal
Uterus	Cervix	Abscess	Moderate
	Cervix	Cyst	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Blood		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
	Biliar Tract	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Leukemia Mononuclear	
Uterus	Mucosa	Cyst	
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9	TRT#: 4 DOSE: 0.025%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
Mammary Gland		Adenocarcinoma	
	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA;SLIDE II;ADENOCARCINOMA			
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Eye		Cataract	Marked
	Retina	Degeneration	Marked
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Developmental Malformation	Mild
		Granuloma	Minimal
Note: DEVELOP MALFOR IS HERNIATED LIVER			
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Clitoral Gland		Squamous Cell Papilloma	
Note: SLIDE II:PAPILLOMA			
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
	Biliar Tract	Hyperplasia	Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE II;FIBROADENOMA IN INGUINAL AND PUBIC AREA			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Acute, Mild
Skin		Basal Cell Adenoma	
Note: SLIDE I: BASAL CELL ADENOMA UNDER SKIN			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Ear	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
	Medulla	Pheochromocytoma Benign	
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Heart		Fibrosis	Multifocal, Mild
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Minimal
Uterus	Cervix	Abscess	Moderate
	Cervix	Cyst	
		Polyp Stromal	

Note: POLYP DETACHED AND UNDERGONE NECROSIS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11	TRT#: 2	SEX: Female	DAY ON TEST: 740
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Mammary Gland		Adenocarcinoma	
	Duct	Cyst	

Note: SLIDE I;NEOPLASIA OF MAMMARY GLAND

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 4

SEX: Female

DAY ON TEST: 727

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Ear	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Eye	Retina	Degeneration	Mild
	Cornea	Inflammation	Chronic, Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
		Vacuolization Cytoplasmic	Diffuse, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Edema	Mild
	Forestomach	Ulcer	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 6

SEX: Female

DAY ON TEST: 575

DOSE: 0.012%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Minimal
Liver	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Diffuse, Moderate
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 2

SEX: Female

DAY ON TEST: 725

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Nose	Ovary	Pancreas	Salivary Glands
Skin	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Blood		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Marked
Liver	Biliar Tract	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA AND CYSTIC DUCTS			
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Spleen		Leukemia Mononuclear	
Stomach	Glandular	Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Kidney
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Liver		Basophilic Focus	Multiple
		Developmental Malformation	Mild
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: SLIDES I AND II;FIBROADENOMA			
Uterus	Cervix	Abscess	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Parathyroid Gland	Salivary Glands
Spleen	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Focal, Mild
	Cortex	Degeneration	Fatty, Multifocal, Mild
	Medulla	Hyperplasia	Focal, Mild
Bone			
Note: SLIDE CC;CALVARIA IS NORMAL			
Brain		Compression	
Clitoral Gland		Carcinoma	
		Inflammation	Suppurative, Acute, Mild
Eye		Cataract	Marked
	Retina	Degeneration	Marked
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
	Biliar Tract	Hyperplasia	Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Ovary		Cyst	
Pancreas	Artery	Inflammation	Subacute, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Skin		Foreign Body	Mild
		Inflammation	Suppurative, Acute, Focal, Moderate

Note: FOREIGN BODY AND INFLAMMATION ON 1ST NASAL SECTION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Ulcer	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland

OBSERVATIONS

Blood		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: SLIDES I,II,AND III;FIBROADENOMAS			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 6

SEX: Female

DAY ON TEST: 569

DOSE: 0.012%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Kidney	Liver	Nose
Ovary	Parathyroid Gland	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Salivary Glands

AUTO PRECLUDES DIAG.

Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Pancreas	Pituitary Gland	Spleen	

OBSERVATIONS

Adrenal Gland		Osteosarcoma	Metastatic (Bone)
Note: SLIDE II;MET OSTEOSAR IN ADRENAL			
Bone		Osteosarcoma	
Note: SLIDE I IS OSTEOSARCOMA OF HUMERUS			
Lung		Osteosarcoma	Metastatic (Bone)
Mammary Gland	Duct	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 14

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Brain		Compression	
Intest Small			
Note: SLIDE IV;DUODENUM;NOT REMARKABLE			
Islets, Pancreatic		Carcinoma	
Note: SLIDE III;ISLET CELL CARCINOMA			
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Granuloma	Multifocal, Minimal
		Necrosis	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA AND CYSTIC DUCTS			
Mesentery	Fat	Necrosis	Focal, Mild
Note: SLIDE II;FOCAL FAT NECROSIS			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Stomach	Forestomach	Inflammation	Subacute, Moderate
	Glandular	Inflammation	Subacute, Moderate
	Forestomach	Perforation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 14

TRT#: 4

SEX: Female

DAY ON TEST: 662

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
Eye		Cataract	Marked
	Retina	Degeneration	Marked
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 14

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Clitoral Gland		Inflammation	Subacute, Focal, Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Heart		Fibrosis	Multifocal, Minimal
Lacrimal Gland		Ectopic Harderian	
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Moderate
Uterus	Cervix	Abscess	Moderate
	Cervix	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 2

SEX: Female

DAY ON TEST: 626

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Bone		Osteosarcoma	
Note: SLIDES III AND IV HAVE THE NEOPLASM			
Note: THE ABOVE NOTES ARE INCONSISTANT			
Note: SLIDE 3;OSTEOSARCOMA82			
Note: SLIDE IV;ALSO SLIDE OF OSTEOSARCOMA			
Kidney		Nephropathy	Chronic, Mild
Liver		Clear Cell Focus	
		Developmental Malformation	Mild
	Centrilobular	Necrosis	Mild
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
		Hemorrhage	Focal, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Ear	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Ear			
Note: PITUITARY ADENOMA EXTENDS DOWN IN CRANIUM TO EARS			
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Hemorrhage	Multifocal, Mild
	Biliar Tract	Hyperplasia	Minimal
		Pigmentation	Hemosiderin, Multifocal, Minimal
Lymph Node	Mandibular	Ectasia	Mild
Mammary Gland	Duct	Cyst	
Nose		Inflammation	Suppurative, Acute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Brain
Ear	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
	Biliar Tract	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: SLIDE I AND II;CYST AND FIBROADENOMA ON BOTH SLIDES			
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Blood		Leukemia Mononuclear	
Bone			
Note: SLIDE CC;CALVARIA;NORMAL			
Clitoral Gland		Adenoma	
		Cyst	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
	Biliar Tract	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach	Thymus	Trachea	Urinary Bladder

MISSING

Clitoral Gland

OBSERVATIONS

Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Skin		Squamous Cell Papilloma	
Note: SLIDE I;SKIN NEOPLASM			
Thyroid Gland	C Cell	Hyperplasia	Focal, Moderate
Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 6

SEX: Female

DAY ON TEST: 700

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
Clitoral Gland		Carcinoma	
Eye	Retina	Cataract	Marked
		Degeneration	Moderate
Kidney		Nephropathy	Chronic, Marked
Liver		Angiectasis	Focal, Mild
		Neoplastic Nodule	
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: SLIDES I AND III;CYSTS AND FIBROADENOMAS			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
Skin		Foreign Body	Mild
		Inflammation	Granulomatous, Multifocal, Mild

Note: FOREIGN BODY AND INFLAMMATION ON 1ST NASAL SECTION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 17

TRT#: 2

SEX: Female

DAY ON TEST: 533

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Clitoral Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Liver		Developmental Malformation	Mild
Note: SLIDE II;DEVELOP MALFOR IS HERNIATED LIVER			
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Inflammation	Suppurative, Acute, Mild
		Necrosis	Mild
		Sarcoma Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17	TRT#: 4 DOSE: 0.025%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 17

TRT#: 6

SEX: Female

DAY ON TEST: 675

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Brain		Compression	
Eye		Cataract	Mild
	Retina	Degeneration	Mild
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Cyst	
Nose		Inflammation	Suppurative, Acute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
	Biliar Tract	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Skin		Hyperplasia	Moderate
Note: SLIDE I: HYPERPLASIA			
Thyroid Gland	Follicle	Cyst	
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Moderate
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
	Biliar Tract	Hyperplasia	Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Nose		Fungus	Mild
		Inflammation	Suppurative, Acute, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 6

SEX: Female

DAY ON TEST: 668

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Brain	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration Leukemia Mononuclear	Fatty, Focal, Minimal
Bone Marrow		Leukemia Mononuclear	
Eye	Retina	Cataract Degeneration	Moderate Moderate
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract Hepatocyte	Hyperplasia Hypertrophy Leukemia Mononuclear	Minimal Minimal
	Centrilobular	Necrosis Vacuolization Cytoplasmic Leukemia Mononuclear	Minimal Diffuse, Minimal
Lung			
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hyperplasia	Focal, Minimal
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Minimal
	Biliar Tract	Hyperplasia	Minimal
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19

TRT#: 4

SEX: Female

DAY ON TEST: 623

DOSE: 0.025%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Uterus

OBSERVATIONS

Clitoral Gland		Adenoma	
		Cyst	
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Urinary Bladder	Transit Epithe	Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Ear	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Salivary Glands	Skin	Spleen	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Eye		Cataract	Minimal
	Retina	Degeneration	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver	Biliar Tract	Hyperplasia	Minimal
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Minimal
Parathyroid Gland		Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 2

SEX: Female

DAY ON TEST: 665

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Brain		Compression	
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Granuloma	Multifocal, Minimal
		Hematopoietic Cell Proliferation	Multifocal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Mild
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 4

SEX: Female

DAY ON TEST: 620

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Developmental Malformation	Mild
		Granuloma	Multifocal, Mild
		Hematopoietic Cell Proliferation	Multifocal, Moderate
	Biliar Tract	Hyperplasia	Mild
		Mixed Cell Focus	Marked
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 6

SEX: Female

DAY ON TEST: 725

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Clitoral Gland
Esophagus	Intestine Small	Islets, Pancreatic	Kidney
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
Brain		Degeneration	Multifocal, Mild
Heart		Fibrosis	Multifocal, Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Liver		Basophilic Focus	
		Granuloma	Multifocal, Moderate
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Heart		Fibrosis	Multifocal, Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
	Biliar Tract	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
Note: SLIDE II;CLEAR CELL FOCUS			
Mammary Gland		Adenocarcinoma	
	Duct	Cyst	
Note: SLIDE I;ADENOCARCINOMA			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Stomach	Forestomach	Ulcer	Moderate
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 4

SEX: Female

DAY ON TEST: 575

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Bone			
Note: SLIDE II;CALVARIUM;NORMAL			
Brain		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Diffuse, Moderate
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Edema	Marked
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Multiple, Marked
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Ear	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Bone			
Note: CAL;SECTION OF CALVARIA IS NORMAL			
Eye		Cataract	Marked
	Retina	Degeneration	Marked
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Mild
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Ear	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spinal Cord	Spleen	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
Liver		Vacuolization Cytoplasmic	Diffuse, Moderate
Mammary Gland	Duct	Cyst	
Mesentery		Inflammation	Chronic, Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Stomach	Forestomach	Inflammation	Subacute, Marked
	Forestomach	Perforation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Clitoral Gland		Cyst Inflammation	Suppurative, Acute, Moderate
Note: SLIDE I;INFLAMMATION AND CYSTIC CLITARAL GLAND			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus Granuloma	Multiple Multifocal, Minimal
Mammary Gland	Duct	Cyst Fibroadenoma	
Note: SLIDE II;FIBROADENOMA			
Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Pigmentation	Moderate Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Nose
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Eye		Cataract	Marked
	Retina	Degeneration	Moderate
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
	Biliar Tract	Hyperplasia	Minimal
Lymph Node	Mandibular	Ectasia	Minimal
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 2

SEX: Female

DAY ON TEST: 675

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Kidney	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Liver	Biliar Tract	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
Uterus	Cervix	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 4

SEX: Female

DAY ON TEST: 531

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney	Renal Tubule	Carcinoma	
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Cyst	
Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Granuloma	Multifocal, Mild
		Hepatodiaphragmatic Nodule	
	Biliar Tract	Hyperplasia	Minimal
		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
		Hyperplasia	Glandular, Mild
Note: SLIDE I;GLANDULAR HYPERPLASIA			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 2

SEX: Female

DAY ON TEST: 602

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Mammary Gland	Duct	Cyst	
		Fibroadenoma	
		Hemorrhage	Mild

Note: SLIDE II AND I; APPEAR TO BE THE SAME TISSUE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Brain	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Ovary	Pancreas
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Ear		Inflammation	Suppurative, Acute, Mild
Eye		Cataract	Mild
	Retina	Degeneration	Mild
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
	Biliar Tract	Hyperplasia	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	
Uterus		Hemorrhage	Focal, Moderate
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 6

SEX: Female

DAY ON TEST: 697

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Ear	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Kidney
Lung	Lymph Node	Ovary	Parathyroid Gland
Salivary Glands	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Blood		Leukemia Mononuclear	
Liver	Biliar Tract	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Diffuse, Mild
Mammary Gland	Duct	Cyst	
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
Stomach	Forestomach	Hyperkeratosis	Mild
	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
	Forestomach	Ulcer	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 2

SEX: Female

DAY ON TEST: 724

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Clitoral Gland

OBSERVATIONS

Blood		Leukemia Mononuclear	
Intestine Large	Cecum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Spleen		Leukemia Mononuclear	
Uterus	Cervix	Cyst	
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 4

SEX: Female

DAY ON TEST: 405

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Kidney	Lymph Node	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Nose
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OBSERVATIONS

Blood		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Liver	Biliar Tract	Hyperplasia	Minimal
	Centrilobular	Leukemia Mononuclear	
		Necrosis	Minimal
		Thrombosis	Multiple
		Vacuolization Cytoplasmic	Diffuse, Mild
Lung		Leukemia Mononuclear	
		Sarcoma	
Mammary Gland	Duct	Cyst	
Mesentery	Fat	Necrosis	Focal, Moderate
Note: SLIDE I;MESENTERIC FAT NECROSIS			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Eye		Cataract	Mild
	Retina	Degeneration	Moderate
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Biliar Tract	Hyperplasia	Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
		Hyperplasia	Glandular, Moderate
Note: SLIDE II; FIBROADENOMA			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Developmental Malformation	Mild
		Granuloma	Multifocal, Minimal
	Biliar Tract	Hyperplasia	Minimal
Note: SLIDE III;LIVER WITH DEVELOP MALFOR;HERNIA			
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: SLIDES I AND II;FIBROADENOMAS			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Mammary Gland		Adenocarcinoma	
	Duct	Cyst	
Note: SLIDE I;ADENOCARCINOMA			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Stomach
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Mild
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Skin		Hyperkeratosis	Focal, Marked
		Hyperplasia	Focal, Mild
Note: SLIDE I HAS SKIN LESIONS			
Spleen		Hyperplasia	Lymphoid, Focal, Marked
Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 2

SEX: Female

DAY ON TEST: 726

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver	Hepatocyte	Hypertrophy	Minimal
	Centrilobular	Necrosis	Minimal
		Necrosis	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus		Adenocarcinoma	
		Hemorrhage	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Moderate
	Medulla	Hyperplasia	Focal, Minimal
Blood		Leukemia Mononuclear	
Brain		Astrocytoma Malignant	
		Necrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver	Biliar Tract	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Minimal
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 6

SEX: Female

DAY ON TEST: 638

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Clitoral Gland	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Degeneration	Fatty, Focal, Mild
		Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Multifocal, Mild
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver	Biliar Tract	Hyperplasia	Moderate
	Hepatocyte	Hypertrophy	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Nose		Leukemia Mononuclear	
Ovary		Cyst	
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:19
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27

TRT#: 6

SEX: Female

DAY ON TEST: 638

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
Stomach		Leukemia Mononuclear	
Uterus	Cervix	Leiomyoma	
	Cervix	Leukemia Mononuclear	
		Necrosis	Moderate

Note: SLIDE I AND 7B:CERVIX

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:19

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Clitoral Gland		Adenoma	
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Moderate
Lacrimal Gland		Ectopic Harderian	Moderate
Note: SLIDE III;LACRIMAL GLAND			
Liver		Basophilic Focus	
Note: SLIDE II;DEVELOP MALFOR;HERNIA		Developmental Malformation	Minimal
Mammary Gland		Adenocarcinoma	
Note: SLIDE I;ADENOCARCINOMA	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Cyst	
Mesentery	Fat	Necrosis	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 6

SEX: Female

DAY ON TEST: 603

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Liver	Lung	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
Clitoral Gland		Carcinoma	
		Inflammation	Suppurative, Acute, Moderate
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Inguinal	Hyperplasia	Mild
Mammary Gland	Duct	Cyst	
Mesentery	Fat	Necrosis	Focal, Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Small
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Focal, Moderate
	Cortex	Degeneration	Fatty, Focal, Mild
Intestine Large	Rectum	Parasite Metazoan	Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: SLIDES I,IB,AND II,FIBROADENOMAS			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 4

SEX: Female

DAY ON TEST: 697

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Esophagus

OBSERVATIONS

Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I; FIBROADENOMA AND CYSTIC DUCTS			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Ovary
Parathyroid Gland	Salivary Glands	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration Leukemia Mononuclear	Fatty, Focal, Mild
Blood		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract Hepatocyte	Hepatodiaphragmatic Nodule Hyperplasia Hypertrophy Leukemia Mononuclear Vacuolization Cytoplasmic	Mild Mild Diffuse, Moderate
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Minimal
Mammary Gland	Duct	Cyst	
Note: SLIDE I AND REGULAR SECTION HAVE CYST			
Nose		Fungus Inflammation	Marked Suppurative, Acute, Mild
Pancreas		Atrophy	Moderate
Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Cyst	Marked
Spleen		Leukemia Mononuclear	
Stomach	Forestomach Glandular	Edema Edema	Mild Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:20
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29

TRT#: 6

DOSE: 0.012%

SEX: Female

DISP: Moribund

DAY ON TEST: 728

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Forestomach

Hyperkeratosis

Minimal

Forestomach

Hyperplasia

Mild

Forestomach

Inflammation

Subacute, Mild

Forestomach

Ulcer

Marked

Uterus

Polyp Stromal

Note: POLYP STROMAL IS ON SLIDE 8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 30

TRT#: 2

SEX: Female

DAY ON TEST: 600

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spinal Cord	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Brain		Compression	
Kidney		Nephropathy	Chronic, Minimal
Liver		Granuloma	Multifocal, Mild
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Marked
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Zymbal's Gland		Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 30

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Intestine Large	Intestine Small	Islets, Pancreatic
Kidney	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Esophagus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Fibrosis	Multifocal, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Congestion	Mild
		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 30

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: SLIDES I AND II;FIBROADENOMA			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 2

SEX: Female

DAY ON TEST: 669

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lung	Lymph Node
Pancreas	Salivary Glands	Skin	Spleen
Stomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Clitoral Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Nose		Inflammation	Suppurative, Acute, Minimal
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Uterus		Sarcoma Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart		Fibrosis	Multifocal, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Moderate
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Mild
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Adenoma	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Note: SLIDE I;MULTIPLE BASOPHILIC FOCI			
Lung		Pigmentation	Hemosiderin, Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLLIDE II;FIBROADENOMA			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lymph Node	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Clitoral Gland		Cyst	
		Inflammation	Subacute, Focal, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
	Biliar Tract	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
		Necrosis	Focal, Minimal
Lung		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Focal, Moderate
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:20
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 32	TRT#: 6 DOSE: 0.012%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Esophagus	Intestine Small	Islets, Pancreatic
Kidney	Lung	Lymph Node	Nose
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Fibrosis	Multifocal, Minimal
Intestine Large	Colon	Parasite Metazoan	Mild
Liver		Basophilic Focus	
	Biliar Tract	Hyperplasia	Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 2

SEX: Female

DAY ON TEST: 695

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large	Intestine Small	Lung	Lymph Node
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Multifocal, Minimal
		Necrosis	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Mild
Mammary Gland	Duct	Cyst	
Nose	Nasolacrim Dct	Inflammation	Suppurative, Acute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Ear	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Clitoral Gland		Carcinoma	
Heart		Fibrosis	Multifocal, Minimal
Liver		Angiectasis	Focal, Mild
		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
	Biliar Tract	Hyperplasia	Minimal
Mammary Gland	Duct	Cyst	Multiple
		Fibroadenoma	Multiple
Note: SLIDES II AND III HAVE LESIONS ABOVE			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Skin		Cyst Epithelial Inclusion	
Note: LESION IS ON SLIDE I			
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Hyperplasia	Focal, Minimal
Heart		Fibrosis	Multifocal, Minimal
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Basophilic Focus	Multiple
		Hyperplasia	Minimal
Mammary Gland	Duct	Adenocarcinoma	
		Cyst	
Note: SLIDE I;ADENOCARCINOMA OF MAMMARY GLAND			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Skin		Foreign Body	Mild
		Inflammation	Suppurative, Acute, Focal, Moderate

Note: FOREIGN BODY AND INFLAMMATION ON NASAL SECTIONS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Liver	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 4

SEX: Female

DAY ON TEST: 643

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Heart		Fibrosis	Multifocal, Mild
Liver		Basophilic Focus	Multiple
Mammary Gland		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Ear	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Thymus
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OBSERVATIONS

Brain	Degeneration	Multifocal, Mild
Heart	Fibrosis	Multifocal, Minimal
Liver	Basophilic Focus	
	Granuloma	Multifocal, Minimal
	Necrosis	Focal, Minimal
Mammary Gland	Duct	
Pituitary Gland	Pars Distalis	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35	TRT#: 2	SEX: Female	DAY ON TEST: 646
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Uterus	

MISSING

Clitoral Gland			
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OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Eye	Retina	Cataract	Moderate
		Degeneration	Moderate
		Hemorrhage	Mild
Heart		Leukemia Mononuclear	
Kidney	Cortex	Inflammation	Suppurative, Acute, Multifocal, Mild
Liver	Biliar Tract	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pituitary Gland		Leukemia Mononuclear	
Skeletal Muscle		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:20
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35

TRT#: 2

SEX: Female

DAY ON TEST: 646

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Forestomach

Inflammation

Subacute, Mild

Glandular

Inflammation

Subacute, Mild

Thymus

Leukemia Mononuclear

Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 4

SEX: Female

DAY ON TEST: 660

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Ear
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spinal Cord	Stomach	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Hyperplasia	Focal, Minimal
		Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Multifocal, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
	Medulla	Mineralization	Focal, Mild
		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 6

SEX: Female

DAY ON TEST: 725

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain		Degeneration	Multifocal, Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Ear	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
Eye	Retina	Degeneration	Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: SLIDES I AND II;FIBROADENOMAS			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Acute, Mild
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild
Stomach	Artery	Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36	TRT#: 4 DOSE: 0.025%	SEX: Female DISP: Moribund	DAY ON TEST: 361 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Brain	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Mammary Gland
Parathyroid Gland	Skin	Trachea	Urinary Bladder

MISSING

Clitoral Gland	Nose		
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OBSERVATIONS

Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver	Biliar Tract	Hyperplasia	Minimal
	Centrilobular	Leukemia Mononuclear	
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Diffuse, Moderate
Lung	Mediastinum	Leukemia Mononuclear	
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: SLIDE I;MESENTERIC NODE;LEUKEMIA MONUC			
Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Salivary Glands		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Stomach		Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
Uterus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Stomach	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia Leukemia Mononuclear	Focal, Mild
Blood		Leukemia Mononuclear	
Eye	Retina	Cataract Degeneration	Marked Moderate
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Hyperplasia Leukemia Mononuclear	Mild
	Centrilobular	Necrosis Atelectasis Leukemia Mononuclear	Minimal Multifocal, Mild
Mammary Gland	Duct	Cyst Fibroadenoma	
Note: SLIDE II;FIBROADENOMA			
Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hyperplasia Keratoacanthoma	Focal, Mild
Skin			
Note: SLIDE I;SKIN TUMOR			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 2

SEX: Female

DAY ON TEST: 667

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy Leukemia Mononuclear	Focal, Mild
Blood		Leukemia Mononuclear	
Clitoral Gland		Adenoma Cyst	
Kidney	Cortex	Cyst	
Liver	Biliar Tract Hepatocyte	Hyperplasia Hypertrophy Leukemia Mononuclear	Mild Minimal
Lung	Centrilobular	Necrosis Leukemia Mononuclear	Minimal
Mammary Gland	Duct	Cyst Fibroadenoma Hyperplasia	Glandular, Moderate
Note: SLIDE I;HYPERPLASIA	SLIDE II;FIBROADENOMA		
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Angiectasis Cyst Hyperplasia	Minimal Focal, Mild
Spleen		Fibrosis Leukemia Mononuclear	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 2

SEX: Female

DAY ON TEST: 667

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Clitoral Gland		Sarcoma	
Note: SARCOMA POSSIBLY HISTIOCYTIC??			
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Cyst	
		Sarcoma	
Note: POSSIBLE HISTIOCYTIC SARCOMA??			
Ovary		Sarcoma	
Note: SARCOMA SIMILAR TO HISTIOCYTIC SARCOMA?			
Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Note: RARE TUMOR.			
Skin	Subcut Tiss	Sarcoma	
Note: SLIDE I AND II;SUBCUTANEOUS MASS;HISTIOCYTIC SARC;?			
Note: POSSIBLE HISTIOCYTIC SARCOMA??			
Uterus		Polyp Stromal	
		Sarcoma	
Note: SARCOMA HISTIOCYTIC??INVADING STROMAL POLYP			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 2

SEX: Female

DAY ON TEST: 661

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Pituitary Gland	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Multifocal, Mild
Clitoral Gland		Carcinoma	
Note: SLIDE II;CLITORAL GLAND INSTEAD OF SKIN LESION			
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Mild
Skin			
Note: SLIDE I;SKIN NORMAL			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Cyst	
		Inflammation	Suppurative, Acute, Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver	Biliar Tract	Hyperplasia	Mild
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: SLIDES I,II,AND IV ARE FIBROADENOMAS			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Skin	Subcut Tiss	Lipoma	

Note: SLIDE III IS LIPOMA

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 6

SEX: Female

DAY ON TEST: 696

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Clitoral Gland
Ear	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland		Accessory Adrenal Cortical Nodule	
Brain		Degeneration	Multifocal, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Granuloma	Multifocal, Mild
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Ear	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Inflammation	Subacute, Focal, Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Nose	Ovary	Parathyroid Gland	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Congestion	Diffuse, Mild
	Medulla	Pheochromocytoma Benign	Multiple
Brain		Compression	
Heart		Fibrosis	Multifocal, Minimal
	Atrium	Mineralization	Focal, Mild
	Atrium	Pigmentation	Hemosiderin, Minimal
	Atrium	Thrombosis	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Congestion	Diffuse, Minimal
	Hepatocyte	Hypertrophy	Mild
	Centrilobular	Necrosis	Minimal
		Vacuolization Cytoplasmic	Diffuse, Minimal
Lung		Hyperplasia	Macrophage, Mild
		Pigmentation	Hemosiderin, Minimal
Lymph Node	Mesenteric	Congestion	Mild
Mammary Gland	Duct	Cyst	
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Salivary Glands	Duct	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 6

SEX: Female

DAY ON TEST: 660

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Islets, Pancreatic
Lymph Node	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Heart		Lymphoma Malignant Histiocytic	
Intestine Small	Duodenum	Lymphoma Malignant Histiocytic	
Kidney		Nephropathy	Chronic, Moderate
Liver		Vacuolization Cytoplasmic	Diffuse, Moderate
Lung	Mediastinum	Lymphoma Malignant Histiocytic	
		Lymphoma Malignant Histiocytic	
Mammary Gland	Duct	Cyst	
Pancreas		Lymphoma Malignant Histiocytic	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach		Lymphoma Malignant Histiocytic	
Thymus	Mediastinum	Lymphoma Malignant Histiocytic	
		Lymphoma Malignant Histiocytic	

PRIMARY CAUSE OF DEATH

-

Animal Note: THORACIC FLUID; VARIOUS MONONUCLEAR CELLS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Clitoral Gland		Cyst	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Ovary	Parathyroid Gland	Salivary Glands	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Clitoral Gland		Adenoma	
		Cyst	
		Inflammation	Suppurative, Acute, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Suppurative, Acute, Minimal
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Skin	Subcut Tiss	Fibroma	

Note: SLIDE II;FIBROMA

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large
Intestine Small	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Islets, Pancreatic	Pancreas	Thymus
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OBSERVATIONS

Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
Mammary Gland		Adenoma	
	Duct	Cyst	
Note: SLIDE I AND IB;ADENOMA (35 BY 29)MM			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
		Hepatodiaphragmatic Nodule	
Mammary Gland	Duct	Cyst	
Mesentery	Fat	Necrosis	Focal, Moderate
Ovary		Cyst	
Uterus	Cervix	Abscess	Moderate
	Cervix	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Moderate
	Medulla	Hyperplasia	Focal, Mild
		Sarcoma Stromal	Metastatic (Uterus)
Note: STROMAL SARCOMA IS ON ONE CAPSULE			
Heart		Fibrosis	Multifocal, Mild
Kidney	Right	Hydronephrosis	Moderate
		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Stomach	Forestomach	Hyperkeratosis	Mild
	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
	Forestomach	Ulcer	Multiple, Moderate
Uterus		Sarcoma Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Ear	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Clitoral Gland		Inflammation	Subacute, Focal, Mild
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Pancreas		Adenoma	
		Inflammation	Subacute, Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Liver	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Multifocal, Moderate
	Medulla	Hyperplasia	Focal, Minimal
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Mammary Gland	Duct	Cyst	
Mesentery	Fat	Necrosis	Focal
Pituitary Gland	Pars Distalis	Cyst	
Thyroid Gland	C Cell	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Kidney	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Brain		Degeneration	Multifocal, Mild
Heart		Fibrosis	Multifocal, Mild
Liver		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 2

SEX: Female

DAY ON TEST: 653

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Clitoral Gland	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Degeneration	Multifocal, Mild
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Cyst	
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 4

SEX: Female

DAY ON TEST: 635

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lung	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spinal Cord	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Marked
Clitoral Gland		Carcinoma	
		Inflammation	Suppurative, Acute, Mild
Note: SLIDE II;CLITORAL GLAND			
Liver		Basophilic Focus	Multiple
Lymph Node	Inguinal	Hyperplasia	Mild
Note: SLIDE I;INGUINAL NODE			
Mammary Gland	Duct	Cyst	
Spleen		Hematopoietic Cell Proliferation	Marked
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:20
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 43	TRT#: 6 DOSE: 0.012%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Kidney	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Liver

OBSERVATIONS

Heart		Fibrosis	Multifocal, Mild
Lung		Hemorrhage	Multifocal, Mild
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 2

SEX: Female

DAY ON TEST: 700

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Small
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Heart		Fibrosis	Multifocal, Minimal
Intestine Large	Colon	Parasite Metazoan	Mild
Liver		Basophilic Focus	
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: SLIDE 8,I,AND IB;FIBROADENOMA			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Skin		Inflammation	Suppurative, Acute, Focal, Mild

Note: SKIN/INFLAMMATION IS ON NASAL SECTION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Ear	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
Nose	Nasolacrim Dct	Foreign Body	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Acute, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Focal, Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Tongue		Squamous Cell Papilloma	
Uterus	Cervix	Abscess	Moderate
	Cervix	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44	TRT#: 6 DOSE: 0.012%	SEX: Female DISP: Moribund	DAY ON TEST: 664 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Intestine Large	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Skin
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Clitoral Gland		Adenoma	
Heart		Leukemia Mononuclear	
Intestine Small	Peyers Patch	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Developmental Malformation	Mild
	Biliar Tract	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
		Vacuolization Cytoplasmic	Diffuse, Mild
Note: DEVELOP MALFOR IS HERNIATED LIVER			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: SLIDE II,IV,V,VII;MONONUCLEAR LEUKEMIA IN VARIOUS NODES			
Mammary Gland	Duct	Cyst	
Ovary		Leukemia Mononuclear	
Pituitary Gland		Hemorrhage	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:20
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44

TRT#: 6

DOSE: 0.012%

SEX: Female

DISP: Moribund

DAY ON TEST: 664

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands
Spleen

Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear
Necrosis

Focal, Moderate

Stomach
Thymus
Uterus

Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 2

SEX: Female

DAY ON TEST: 695

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Diffuse, Mild
Mammary Gland	Duct	Cyst	
		Fibroadenoma	Multiple
Note: SLIDES I,II,AND IIB;FIBROADENOMAS AND CYSTIC DUCTS			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Stomach	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Moderate
	Forestomach	Ulcer	Marked
Vagina		Abscess	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Focal, Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 6

SEX: Female

DAY ON TEST: 722

DOSE: 0.012%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Clitoral Gland	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Multifocal, Mild
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver	Biliar Tract	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Pituitary Gland		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:20
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 46	TRT#: 2	SEX: Female	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Liver	Lung
Lymph Node	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Heart	Fibrosis	Multifocal, Minimal
Kidney	Nephropathy	Chronic, Mild
Mammary Gland	Fibroadenoma	
Pancreas	Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46	TRT#: 4 DOSE: 0.025%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland			
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
		Hepatodiaphragmatic Nodule	
Note: SLIDE II;ANOMALOUS HEPATIC LOBULATION			
Mammary Gland	Duct	Cyst	
Mesentery	Fat	Necrosis	Focal, Moderate
Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Clitoral Gland		Adenoma	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Cyst	
Skin	Subcut Tiss	Fibroma	

Note: SLIDE I;SKIN MASS;FIBROMA

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Liver	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
Brain		Degeneration	Multifocal, Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Moderate
Lung		Foreign Body	Multiple, Mild
		Granuloma	Multifocal, Moderate
		Metaplasia	Osseous, Multifocal, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland	Duct	Cyst	
Nose		Foreign Body	Moderate
		Inflammation	Suppurative, Acute, Mild
		Inflammation	Granulomatous, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Esophagus	Intestine Large	Intestine Small
Lung	Lymph Node	Nose	Ovary
Pancreas	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Salivary Glands
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OBSERVATIONS

Clitoral Gland		Carcinoma	
Note: SLIDE I;CLITORAL GLAND			
Heart		Fibrosis	Multifocal, Mild
Islets, Pancreatic		Carcinoma	
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Necrosis	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
Mesentery	Fat	Necrosis	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus		Leiomyoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 6

SEX: Female

DAY ON TEST: 572

DOSE: 0.012%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Necrosis	Focal, Moderate
Kidney		Nephropathy	Chronic, Mild
Liver		Vacuolization Cytoplasmic	Focal, Minimal
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
		Hemorrhage	Mild
		Hyperplasia	Glandular, Moderate
Note: HEMORRHAGE IS ON SLIDE I ALSO			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 2

SEX: Female

DAY ON TEST: 607

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Small	Kidney
Liver	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Islets, Pancreatic	Pancreas	Pituitary Gland
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AUTO PRECLUDES DIAG.

Spleen

OBSERVATIONS

Brain		Hemorrhage	Multifocal, Marked
Intestine Large	Cecum	Parasite Metazoan	Mild
Mammary Gland	Duct	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Pancreas	Parathyroid Gland	Salivary Glands
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration Leukemia Mononuclear	Fatty, Multifocal, Mild
Bone Marrow		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear Nephropathy	Chronic, Mild
Lacrimal Gland		Ectopic Harderian	Mild
Liver	Hepatocyte	Basophilic Focus Hypertrophy	Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Mammary Gland	Duct	Cyst	
Nose	Nasolacrim Dct	Inflammation	Suppurative, Acute, Mild
Ovary		Cyst Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst Leukemia Mononuclear	
Skin	Subcut Tiss	Schwannoma Benign	
Note: SLIDE I;SKIN MASS;SCHWANNOMA BENIGN			
Spleen		Leukemia Mononuclear	
Stomach	Glandular	Leukemia Mononuclear Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:20
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.025%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland
Uterus

C Cell

Hyperplasia
Leukemia Mononuclear

Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.012%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Mammary Gland	Duct	Cyst	
		Fibroadenoma	
Note: SLIDE I;FIBROADENOMA			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 4

SEX: Female

DAY ON TEST: 553

DOSE: 0.025%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Brain		Compression	
Kidney		Nephropathy	Chronic, Mild
Liver		Vacuolization Cytoplasmic	Diffuse, Mild
Mammary Gland	Duct	Cyst	
Mesentery	Fat	Necrosis	Focal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Stomach	Forestomach	Edema	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 6

SEX: Female

DAY ON TEST: 657

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Brain		Compression	Moderate
Clitoral Gland		Adenoma	
		Cyst	
Note: SLIDE I;CLITORAL GLAND ADENOMA AND CYSTIC DUCT			
Kidney		Nephropathy	Chronic, Marked
Liver		Vacuolization Cytoplasmic	Diffuse, Moderate
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
Stomach	Glandular	Erosion	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
	Glandular	Inflammation	Subacute, Mild
	Forestomach	Ulcer	Moderate
	Glandular	Ulcer	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:20
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50	TRT#: 2	SEX: Female	DAY ON TEST: 740
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Heart		Fibrosis	Multifocal, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Granuloma	Multifocal, Minimal
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
Skin		Keratoacanthoma	

Note: SLIDE I;NEOPLASIA OF TAIL

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Rhodamine 6G
CAS Number: 989-38-8

Date Report Requested: 10/23/2014
Time Report Requested: 13:59:20
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50	TRT#: 4 DOSE: 0.025%	SEX: Female DISP: Moribund	DAY ON TEST: 415 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Ear
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spinal Cord	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland	Nose
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OBSERVATIONS

Bone Marrow		Sarcoma	
Brain		Sarcoma	
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Sarcoma	
Note: SLIDE I; LIVER WITH METASTATIC LESIONS			
Lung		Sarcoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05048-01

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Rhodamine 6G

CAS Number: 989-38-8

Date Report Requested: 10/23/2014

Time Report Requested: 13:59:20

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 0.012%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spinal Cord	Spleen	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Brain		Degeneration	Multifocal, Moderate
	Cerebellum	Mineralization	Multifocal, Mild
Heart		Fibrosis	Multifocal, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multifocal, Minimal
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Cyst	
Stomach	Forestomach	Hyperkeratosis	Mild
	Forestomach	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	
Uterus	Cervix	Abscess	Marked
	Cervix	Cyst	
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE