

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

C Number:	C60366
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	04/17/1990

Experiment Number: 05019-03

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CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Mild
		Fibrosis	Focal, Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Chronic, Moderate
Liver		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Minimal
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: ECTASIA	TGLs = 1-7		
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA]	TGLs = 4-15		
Nose		Foreign Body	Mild
		Fungus	Moderate
	Nasolacrim Dct	Inflammation	Subacute, Minimal
		Inflammation	Suppurative, Acute, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
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Date Report Requested: 10/16/2014
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First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 1	TRT#: 1 DOSE: UNTREATD CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: A85-3460
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ORGAN AND ACCOUNTABLE SITE STATUS			
Preputial Gland	Duct	Cyst Hyperplasia Inflammation	Marked Subacute, Mild
Note: INFLAMMATION TGLs = 2-13 Note: HYPERPLASIA TGLs = 2-13 Note: CYST TGLs = 2-13			
Prostate		Inflammation	Subacute, Minimal
Skin	Subcut Tiss	Lipoma	
Note: LIPOMA TGLs = 3-14			
Testes	Interstit Cell	Adenoma	Multiple
Note: ADENOMA TGLs = 5-6			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 666
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO: A85-3461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Capsule	Mesothelioma Malignant	
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Kidney	Capsule	Mesothelioma Malignant	
		Nephropathy	Chronic, Mild
Liver		Mesothelioma Malignant	
	Biliar Tract	Proliferation	Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mediastinal	Mesothelioma Malignant	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: [MESOTHELIO MAL] TGLs = 5-3			
Mesentery		Mesothelioma Malignant	
Note: [MESOTHELIO MAL] TGLs = 3-13+14			
Nose		Foreign Body	Mild
		Fungus	Moderate
	Nasolacrim Dct	Inflammation	Subacute, Minimal
		Inflammation	Suppurative, Acute, Mild
Note: SLIDE 10 GOOD TO PHOTOGRAPH CLUB SHAPED ORGANISMS.			
Pancreas		Mesothelioma Malignant	
Note: [MESOTHELIO MAL] TGLs = 4-14			
Note: UNUSUAL NEOPLASM			

* PROTOCOL REQUIRED TISSUE

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Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 666
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO: A85-3461

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Mesothelioma Malignant	
Spleen		Fibrosis	Multifocal, Mild
	Capsule	Mesothelioma Malignant	
Testes	Interstitial Cell	Adenoma	Multiple
Note: ADENOMA	TGLs = 2-6		
Thymus		Cyst	Mild
Thyroid Gland	Follicle	Cyst	Mild
	C Cell	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Minimal
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose		Fungus	Moderate
	Nasolacrim Dct	Inflammation	Subacute, Moderate
		Inflammation	Suppurative, Acute, Moderate
Note: GOOD EXAMPLE OF FUNGUS IN NASAL CAVITY.			
Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Mild

[Adenoma TGLS = 2-6]

[Atrophy TGLS = 1-6]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4	TRT#: 1 DOSE: UNTREATD CONTROL	SEX: Male DISP: Moribund	DAY ON TEST: 700 HISTO: A85-3463
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Parathyroid Gland	Preputial Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex Cortex Medulla	Degeneration Leukemia Mononuclear Leukemia Mononuclear	Fatty, Multifocal, Mild
Brain		Hemorrhage Leukemia Mononuclear	Multifocal, Moderate
Note: HEMORRHAGE TGLs = 8-1 [Hemorrhage TGLS = 8-1]			
Heart	Atrium	Leukemia Mononuclear Thrombosis	Moderate
Note: THROMBUS TGLs = 7-2			
Kidney		Leukemia Mononuclear Nephropathy	Chronic, Mild
Note: LEUKEMIA MONUC TGLs = 3-5 [Leukemia Mononuclear TGLS = 3-5]			
Liver	Biliar Tract	Leukemia Mononuclear Proliferation Regeneration	Moderate Mild
Note: LEUKEMIA MONUC TGLs = 4-2 Note: REGENERATION TGLs = 4-2			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-3			
Lymph Node	Mesenteric Mandibular	Hyperplasia Leukemia Mononuclear	Macrophage, Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 700
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO: A85-3463

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
	Pars Nervosa	Leukemia Mononuclear	
Prostate		Inflammation	Subacute, Minimal
		Leukemia Mononuclear	
Seminal Vesicle		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-2		
Testes	Interstit Cell	Adenoma	Multiple
		Leukemia Mononuclear	
[Adenoma TGLS = 1-6]			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

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Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	Multiple
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Focal, Minimal
		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Moderate
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Prostate		Inflammation	Subacute, Minimal
Spleen		Fibrosis	Focal, Minimal
Note: FIBROSIS	TGLs = 2-13		
Testes	Interstit Cell	Adenoma	Multiple
Note: ADENOMA	TGLs = 1-6		
Thyroid Gland	Follicular Cel	Carcinoma	
Note: CARCINOMA	TGLs = 3-3		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	
	Biliar Tract	Proliferation	Mild
Note: MIXED CL FOCUS TGLs = 3-14			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose		Foreign Body	Mild
		Fungus	Moderate
	Nasolacrim Dct	Inflammation	Subacute, Minimal
		Inflammation	Suppurative, Acute, Moderate
Note: GOOD EXAMPLE OF FOREIGN BODY AND FUNGUS.			
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
Note: ADENOMA TGLs = 4-1			
Note: ANGIECTASIS TGLs = 4-1			
Preputial Gland	Duct	Cyst	Moderate
		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3465

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 5-8+8-1			
Note: CYST TGLs = 5-8+8-1			
Spleen		Fibrosis Infiltration Cellular	Focal, Mild Lipocyte, Minimal
Note: INFILTRAT CELL TGLs = 2-13 [Fibrosis TGLS = 2-13]			
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-6]			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 666

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Bone		Fibrous Osteodystrophy	Moderate
Note: GOOD EXAMPLE OF FIBROUS OSTEODYSTROPHY.			
Kidney	Cortex	Cyst	Multiple, Mild
	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
			[Cyst TGLS = 3-5+13]
			[Nephropathy TGLS = 2-5+13]
Liver		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Mild
Lymph Node	Mediastinal	Congestion	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 6-3-1			
Prostate		Inflammation	Subacute, Minimal
Stomach	Glandular	Mineralization	Mild
Testes	Interstit Cell	Adenoma	Multiple
Note: ADENOMA TGLs = 1-6			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Carcinoma	
Note: SMALL C-CELL ADENOMA ON SLIDE 3-1			

* PROTOCOL REQUIRED TISSUE

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Test Type: CHRONIC

Species/Strain: Rat/F 344/N

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Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 666

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3466

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CARCINOMA TGLs = 5-3+3-1

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

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Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 706
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO: A85-3467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Preputial Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Capsule, Cortex Capsule, Cortex Medulla	Hemorrhage Leukemia Mononuclear Leukemia Mononuclear	Marked
Note: HEMORRHAGE TGLs = 3-15,8-15 [Hemorrhage TGLS = 3-15,8-15]			
Bone Marrow		Myelofibrosis	Mild
Heart		Cardiomyopathy Leukemia Mononuclear	Minimal
Kidney		Leukemia Mononuclear Nephropathy	Chronic, Mild
Liver	Biliar Tract	Leukemia Mononuclear Proliferation Regeneration	Moderate Moderate
Note: REGENERATION TGLs = 7-2 Note: PROLIFERATION TGLs = 7-2 Note: LEUKEMIA MONUC TGLs = 7-2			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric Mandibular Mediastinal Mesenteric	Hyperplasia Leukemia Mononuclear Leukemia Mononuclear Pigmentation	Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
Mammary Gland	Duct	Cyst	Moderate
Pancreas	Acinus	Atrophy	Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 706
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO: A85-3467

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Prostate		Inflammation	Subacute, Minimal
Seminal Vesicle		Leukemia Mononuclear	
Skin		Basal Cell Adenoma	
	Subcut Tiss	Leukemia Mononuclear	
Note: [BASAL CEL ADEN] TGLs = 1-13			
Note: [LEUKEMIA MONUC] TGLs = 2-14			
Note: TGL 2 DIFFICULT LESION DUE TO AUTOLYSIS.			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-2			
Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Mild
		Leukemia Mononuclear	
Note: ATROPHY TGLs = 5-6			
[Atrophy TGLS = 6-6]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 610
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO: A85-3468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Myelofibrosis	Moderate
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Moderate
		Regeneration	Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Prostate		Inflammation	Subacute, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC			
TGLs = 3-2			
Testes	Interstit Cell	Adenoma	Multiple
Note: ADENOMA			
TGLs = 2-6			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Biliar Tract	Granuloma	Multiple, Minimal
	Mesenteric	Proliferation	Moderate
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
		Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Note: ADENOMA TGLs = 4-1			
Preputial Gland	Duct	Adenoma	
		Cyst	Moderate
Note: [ADENOMA] TGLs = 2-8			
[Cyst TGLS = 2-8]			
Prostate		Inflammation	Subacute, Minimal
Skin		Hyperplasia	Focal, Moderate
Note: [HYPERPLASIA] TGLs = 1-13			
Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3469

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Eye		Cataract	Marked
	Retina	Degeneration	Marked
	[Cataract TGLS = 1-14]		
	[Degeneration TGLS = 1-14]		
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS	TGLs = 3-13		
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Testes	Interstit Cell	Adenoma	Multiple
Note: ADENOMA	TGLs = 2-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3470

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 658

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Mild
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland	Duct	Cyst	Mild
Preputial Gland		Adenoma	
	Duct	Cyst	Moderate
		Inflammation	Subacute, Marked
Note: ADENOMA			
TGLs = 1-13			
[Cyst TGLS = 1-13]			
[Inflammation TGLS = 1-13]			
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-6]			
Urethra	Bulboureth GI	Congestion	Mild
	Bulboureth GI	Dilatation	Mild
[Congestion TGLS = 3-14]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 658

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3471

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 3-14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Moderate
	Medulla	Hyperplasia	Focal, Minimal
Eye	Retina	Cataract	Mild
	Postr Chamber	Degeneration	Marked
		Hemorrhage	Moderate
[Cataract TGLS = 1-14]			
[Degeneration TGLS = 1-14]			
[Hemorrhage TGLS = 1-14]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Moderate
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Prostate		Inflammation	Subacute, Mild
Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Mild
[Adenoma TGLS = 2-6]			
Thymus		Cyst	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 653

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Hyperplasia	Moderate
Heart		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Moderate
		Regeneration	Mild
Note: REGENERATION TGLs = 3-2			
[Leukemia Mononuclear TGLS = 3-2]			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland	Duct	Cyst	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 653

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3473

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 5-1 [Angiectasis TGLs = 5-1] [Leukemia Mononuclear TGLs = 5-1] [Pigmentation TGLs = 5-1]	Pars Distalis	Pigmentation	Hemosiderin, Mild
Skin Note: [FIBROMA] TGLs = 1-13	Subcut Tiss	Fibroma	
Spleen [Leukemia Mononuclear TGLs = 2-2]		Leukemia Mononuclear	
Testes [Adenoma TGLs = 7-6]	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Hyperplasia	Multifocal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
Eye		Cataract	Moderate
	Retina	Degeneration	Marked
	[Cataract TGLS = 1-14]		
	[Degeneration TGLS = 1-14]		
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Granuloma	Multiple, Minimal
		Hepatodiaphragmatic Nodule	Mild
	Biliar Tract	Proliferation	Mild
	[Hepatodiaphragmatic Nodule TGLS = 3-13]		
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Prostate		Inflammation	Subacute, Minimal
Testes	Interstit Cell	Adenoma	Multiple
	[Adenoma TGLS = 2-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 534

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A85-3475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Mild
Note: [BASOPH FOCUS] TGLs = 2-13			
Lung		Congestion	Minimal
[Congestion TGLS = 3-3]			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Prostate		Inflammation	Subacute, Minimal
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Eye	Retina	Cataract	Moderate
		Degeneration	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Degeneration	Cystic, Focal, Minimal
	Biliar Tract	Proliferation	Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mesentery	Fat	Necrosis	Multifocal, Moderate
Prostate		Inflammation	Subacute, Minimal
Skin	Subcut Tiss	Fibroma	
Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3476

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Brain		Compression	Moderate
Note: COMPRESSION TGLs = 7-1			
Eye		Cataract	Marked
	Retina	Degeneration	Moderate
Note: CATARACT TGLs = 1-13			
Note: DEGEN TGLs = 1-13			
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY TGLs = 5-5+5-1			
Liver		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland	Duct	Cyst	Mild
		Hyperplasia	Mild
Note: CYST TGLs = 2-7			
Note: HYPERPLASIA TGLs = 2-7			
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 6-1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3477

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA Preputial Gland	TGLs = 6-1	Duct	Cyst Hyperplasia Inflammation	Mild Mild Subacute, Mild
Note: INFLAMMATION Note: CYST Note: HYPERPLASIA Prostate Spleen Testes	TGLs = 3-8 TGLs = 3-8 TGLs = 3-8	Interstit Cell	Inflammation Fibrosis Adenoma	Subacute, Mild Focal, Mild Multiple
Note: ADENOMA Thyroid Gland	TGLs = 4-6	C Cell	Hyperplasia	Focal, Mild
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 666

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 2-8]			
Bone Marrow		Hyperplasia	Moderate
Heart		Leukemia Mononuclear	
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Metaplasia	Osseous, Mild
		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY	TGLs = 3-5+5-1		
Liver		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Marked
		Regeneration	Mild
Note: LEUKEMIA MONUC	TGLs = 4-2		
Note: REGENERATION	TGLs = 4-2		
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mandibular	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-7-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 666

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3478

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Leukemia Mononuclear	
Prostate		Inflammation	Subacute, Minimal
Spleen		Fibrosis	Focal, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-2		
Testes	Interstit Cell	Hyperplasia	Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 3-8	Medulla	Pheochromocytoma Benign	Multiple
Eye [Cataract TGLS = 1-13+13-1] [Degeneration TGLS = 1-13+13-1]	Retina	Cataract Degeneration	Marked Marked
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia Nephropathy	Minimal Chronic, Moderate
Liver		Basophilic Focus Degeneration Eosinophilic Focus	Cystic, Focal, Mild
Lymph Node	Biliar Tract Mandibular Mesenteric Mesenteric	Proliferation Ectasia Hyperplasia Pigmentation	Moderate Minimal Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Duct	Cyst	Mild
Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3479

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 660

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A85-3480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Blood Vessel	Aorta	Mineralization	Moderate
Coagulating Gland		Dilatation	Mild
		Inflammation	Mild
Note: DILATATION TGLs = 10-6-1			
Note: INFLAMMATION TGLs = 10-6-1			
Heart		Cardiomyopathy	Minimal
		Inflammation	Subacute, Multifocal, Mild
		Mineralization	Multifocal, Minimal
Kidney		Hydronephrosis	Mild
	Renal Tubule	Mineralization	Multifocal, Minimal
	Papilla	Necrosis	Mild
		Nephropathy	Chronic, Mild
Note: NECROSIS TGLs = 8-5+13			
[Hydronephrosis TGLS = 7-5+13]			
Liver		Degeneration	Cystic, Focal, Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland	Duct	Cyst	Mild
Prostate		Inflammation	Subacute, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 660
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO: A85-3480

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 6-6-1] Seminal Vesicle		Dilatation Inflammation	Moderate Subacute, Mild
[Dilatation TGLS = 5-6-1] [Inflammation TGLS = 5-6-1] Stomach	Forestomach	Ulcer	Multiple, Mild
[Ulcer TGLS = 9-4-1] Testes	Interstit Cell Interstit Cell	Adenoma Atrophy Hyperplasia	Mild Multifocal, Minimal
[Adenoma TGLS = 2-6] [Atrophy TGLS = 1-6] Thymus		Cyst	Mild
Urethra	Bulboureth GI Bulboureth GI	Dilatation Inflammation	Mild Subacute, Mild
Note: DILATATION TGLs = 11-14 Note: INFLAMMATION TGLs = 11-14 Urinary Bladder		Inflammation	Subacute, Mild
[Inflammation TGLS = 4-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 644

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Cortex	Necrosis	Multifocal, Moderate
Bone Marrow		Myelofibrosis	Mild
Epididymis		Inflammation	Subacute, Marked
Eye		Cataract	Marked
	Retina	Degeneration	Marked
	[Cataract TGLS = 1-13]		
	[Degeneration TGLS = 1-13]		
Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
Kidney	Cortex	Cyst	Moderate
		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Note: CYST	TGLs = 5-16		
Liver		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Moderate
		Regeneration	Minimal
		Thrombosis	Moderate
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mandibular	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 644

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3481

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland	Mesenteric	Leukemia Mononuclear	
Mesentery	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
	Duct	Cyst	Mild
	Fat	Inflammation	Chronic, Multifocal, Mild
	Fat	Necrosis	Multifocal, Moderate
Note: NECROSIS TGLs = 4-15 [Necrosis TGLS = 4-15]			
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Prostate		Inflammation	Subacute, Mild
Skin		Carcinoma	
Note: [CARCINOMA] TGLs = 2-14			
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	Multiple
Note: ADENOMA TGLs = 3-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 611

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Preputial Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Hyperplasia	Marked
Heart		Cardiomyopathy	Minimal
Kidney		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Mild
		Regeneration	Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose		Foreign Body	Mild
		Fungus	Moderate
	Nasolacrim Dct	Inflammation	Subacute, Mild
		Inflammation	Suppurative, Acute, Mild
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 611

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3482

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

[Leukemia Mononuclear TGLS = 3-2]

Leukemia Mononuclear

Testes

[Adenoma TGLS = 2-6]

Interstit Cell

Adenoma

Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 553

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Seminal Vesicle
Thymus

Brain
Intestine Small - Duodenum
Lung
Pituitary Gland
Skin
Thyroid Gland

Esophagus
Intestine Small - Ileum
Lymph Node - Mandibular
Preputial Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Adrenal Gland
Bone Marrow
Epididymis
Heart
Intestine Large
Kidney
Liver

Cortex

Cecum

Hyperplasia
Hyperplasia
Mesothelioma Malignant
Cardiomyopathy
Parasite Metazoan
Nephropathy
Basophilic Focus
Hematopoietic Cell Proliferation
Proliferation
Hyperplasia
Pigmentation
Pigmentation

Focal, Minimal
Moderate

Minimal
Mild
Chronic, Mild

Mild
Minimal
Macrophage, Multifocal, Minimal
Hemosiderin, Marked
Cholesterol, Multifocal, Minimal

[Pigmentation TGLS = 4-14]

Mesentery

[Mesothelioma Malignant TGLS = 3-13]

Nose
Pancreas

Nasolacrim Dct
Acinus

Inflammation
Atrophy
Mesothelioma Malignant

Subacute, Minimal
Multifocal, Minimal

Prostate
Spleen
Testes

Interstit Cell

Inflammation
Hematopoietic Cell Proliferation
Adenoma
Atrophy

Subacute, Mild
Marked

Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 553

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3483

ORGAN AND ACCOUNTABLE SITE STATUS

Mesothelioma Malignant

[Adenoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Multifocal, Mild
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Focal, Mild
		Eosinophilic Focus	
	Biliar Tract	Proliferation	Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mesentery	Fat	Necrosis	Focal, Marked
[Necrosis TGLS = 4-14]			
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-13]			
Prostate		Inflammation	Subacute, Minimal
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-6]			
Thymus	Epithel Cell	Thymoma Benign	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3484

ORGAN AND ACCOUNTABLE SITE STATUS

Note: RARE TUMOR, EPITHELIAL THYMOMA.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 690

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Pheochromocytoma Benign	Multiple
Bone Marrow		Hyperplasia	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Angiectasis	Focal, Mild
		Degeneration	Cystic, Focal, Mild
		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Mild
		Regeneration	Mild
Note: LEUKEMIA MONUC TGLs = 8-2			
Note: REGENERATION TGLs = 8-2			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 10-16			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: HYPERPLASIA TGLs = 1-7			
Nose		Foreign Body	Mild
		Fungus	Moderate
	Nasolacrim Dct	Inflammation	Subacute, Minimal
		Inflammation	Suppurative, Acute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 690

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3485

ORGAN AND ACCOUNTABLE SITE STATUS

Note: GOOD EXAMPLE OF FOREIGN BODY AND FUNGUS.

Pancreas Acinus Atrophy Multifocal, Moderate

Note: ATROPHY TGLs = 6-4

Preputial Gland Adenoma

Skin Subcut Tiss Abscess Focal, Mild

Subcut Tiss Fibroma

Subcut Tiss Osteosarcoma

Note: FIBROMA TGLs = 2-13

Note: TGL 3 OSTEOSARCOMA UNUSUAL NEOPLASM.

[Fibroma TGLs = 3-14]

[Osteosarcoma TGLs = 9-15]

Spleen Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 5-2

Testes Interstit Cell Adenoma Multiple

Note: ADENOMA TGLs = 4-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Intestine Small	Jejunum	Leiomyosarcoma	
Note: [LEIOMYOSAR] TGLs = 6-14			
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Minimal
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Note: HYPERPLASIA TGLs = 10-16			
Lymph Node	Mandibular	Ectasia	Mild
	Mediastinal	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: ECTASIA TGLs = 3-7			
[Ectasia TGLS = 7-3]			
Mammary Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-7]			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
Note: ANGIECTASIS TGLs = 9-1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3486

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 9-1		
Prostate		Inflammation	Subacute, Minimal
Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 2-13]			
Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Mild
[Adenoma TGLS = 4-6]			
[Atrophy TGLS = 5-6]			
Tongue		Foreign Body	Multiple, Mild
		Granuloma	Multiple, Mild
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 8-15]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	Multiple
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
		Angiectasis	Multifocal, Mild
		Basophilic Focus	
		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	Multiple
		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Mild
Note: CYSTIC DEGENERATION ASSOCIATED WITH EOSINOPHILIC FOCI.			
Note: ANGIECTASIS ASSOCIATED WITH EOSINOPHILIC FOCI.			
[Leukemia Mononuclear TGLS = 4-2]			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3487

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: MESENTERIC NODE PRESENT FOR TISSUE ACCOUNTABILITY.			
Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Focal, Marked
[Necrosis TGLS = 2-13]			
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 5-1]			
[Angiectasis TGLS = 5-1]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-2]			
Testes	Interstit Cell	Adenoma	Moderate
		Atrophy	Mild
		Mineralization	
[Adenoma TGLS = 1-6,6-6]			
[Atrophy TGLS = 7-6+6-1]			
[Mineralization TGLS = 7-6+6-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 716

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Hyperplasia	Mild
Brain		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Note: NEPHROPATHY	TGLs = 4-5		
Note: LEUKEMIA MONUC	TGLs = 4-5		
Liver		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Moderate
		Regeneration	Mild
Note: PROLIFERATION	TGLs = 5-2		
Note: LEUKEMIA MONUC	TGLs = 5-2		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-3		
Lymph Node	Mandibular	Ectasia	Mild
	Pancreatic	Ectasia	Moderate
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Pancreatic	Hyperplasia	Macrophage, Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 716

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3488

ORGAN AND ACCOUNTABLE SITE STATUS

Mandibular

Leukemia Mononuclear

Mediastinal

Leukemia Mononuclear

Mesenteric

Leukemia Mononuclear

Pancreatic

Leukemia Mononuclear

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreatic

Pigmentation

Cholesterol, Multifocal, Minimal

Note: LEUKEMIA MONUC TGLs = 2-13

[Leukemia Mononuclear TGLS = 2-13]

Mammary Gland

Duct

Cyst

Mild

Pituitary Gland

Pars Distalis

Cyst

Mild

Pars Distalis

Hyperplasia

Focal, Mild

Pars Distalis

Leukemia Mononuclear

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 3-2

Testes

Interstit Cell

Adenoma

Multiple

Leukemia Mononuclear

[Adenoma TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Mild
Eye	Retina	Cataract	Moderate
		Degeneration	Marked
Note: DEGEN TGLs = 1-13 [Cataract TGLS = 1-13]			
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Multifocal, Minimal
		Basophilic Focus	
		Degeneration	Cystic, Focal, Minimal
		Eosinophilic Focus	
		Mixed Cell Focus	
	Biliar Tract	Proliferation	Moderate
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose		Foreign Body	Mild
		Fungus	Mild
		Inflammation	Suppurative, Acute, Mild

Note: SLIDE 10 GOOD EXAMPLE OF FUNGUS AND FOREIGN BODY.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3489

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Multifocal, Minimal
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Brain		Astrocytoma Malignant	
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	Mild
	Biliar Tract	Proliferation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-14]			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-7]			
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Preputial Gland		Adenoma	
Note: ADENOMA	TGLs = 2-13		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3490

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Lymph Node - Mandibular	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 6-16+8			
Bone Marrow		Hyperplasia	Minimal
Eye	Lids	Fibrosis	Focal, Moderate
[Fibrosis TGLS = 1-13]			
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
	Renal Tubule	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY TGLs = 7-5			
Liver		Basophilic Focus	
		Fibrosis	Moderate
		Granuloma	Multiple, Minimal
		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Marked
	Biliar Tract	Proliferation	Mild
		Regeneration	Minimal
Note: REGENERATION TGLs = 8-17			
Note: FIBROSIS TGLs = 8-17			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3491

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 8-17]			
Lymph Node	Mediastinal	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA TGLs = 2-14			
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Prostate		Inflammation	Subacute, Minimal
Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 3-15]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2]			
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 4-6]			
Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 9-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Mammary Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Moderate
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
Intestine Large	Cecum	Parasite Metazoan	Mild
Islets, Pancreatic		Adenoma	
Note: UNUSUAL NEOPLASM			
Kidney	Cortex	Cyst	Multiple
	Papilla, Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Chronic, Marked
Liver		Angiectasis	Multifocal, Mild
		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Mild
		Regeneration	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3492

ORGAN AND ACCOUNTABLE SITE STATUS

Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Congestion	Moderate
	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: LEUKEMIA MONUC TGLs = 4-4 [Congestion TGLS = 4-4]			
Nose		Foreign Body	Mild
		Fungus	Minimal
		Inflammation	Suppurative, Acute, Mild
Pancreas	Acinar Cell	Adenoma	
	Acinus	Hyperplasia	Multifocal, Moderate
Note: PANCREATIC AND ISLET CELL TUMOR TOGETHER			
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland		Inflammation	Subacute, Mild
Prostate		Inflammation	Subacute, Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]			
Testes	Interstitial Cell	Adenoma	Multiple
[Adenoma TGLS = 5-6]			

PRIMARY CAUSE OF DEATH -

Animal Note: RARE TUMOR

Animal Note: ISLET CELL AND ACINAR CELL ADENOMA TOGETHER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Bone

Brain

Epididymis

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Lung

Mammary Gland

Parathyroid Gland

Prostate

Salivary Glands

Seminal Vesicle

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Thymus

Thyroid Gland

Trachea

Urinary Bladder

OBSERVATIONS

Adrenal Gland

Medulla

Hyperplasia

Focal, Minimal

Bone Marrow

Hyperplasia

Mild

Eye

Lids

Fibrosis

Focal, Moderate

Note: FIBROSIS TGLs = 1-13

Heart

Cardiomyopathy

Moderate

Islets, Pancreatic

Adenoma

Note: RARE TUMOR.

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Multiple

Granuloma

Multiple, Mild

Proliferation

Moderate

Note: [BASOPH FOCUS] TGLs = 5-2

Biliar Tract

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Nose

Foreign Body

Mild

Inflammation

Suppurative, Acute, Mild

Pancreas

Acinus

Atrophy

Multifocal, Mild

Pituitary Gland

Pars Distalis

Cyst

Mild

Preputial Gland

Adenoma

Note: ADENOMA TGLs = 2-8

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 3-6]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3493

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: RARE TUMOR

Animal Note: ISLET AND ACINAR CELL ADENOMA TOGETHER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 721

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tooth	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 4-14]			
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Focal, Minimal
		Basophilic Focus	
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Mild
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
[Ectasia TGLS = 2-7+7-1]			
Prostate		Inflammation	Subacute, Minimal
Skin	Subcut Tiss	Sarcoma	
Note: [SARCOMA] TGLs = 1-13			
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 721

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3494

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 681

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
Heart		Cardiomyopathy	Minimal
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Mild
Lymph Node	Mandibular	Congestion	Minimal
	Mesenteric	Congestion	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Hyperplasia	Mild
Note: HYPERPLASIA			
TGLs = 1-13			
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Hemorrhage	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Prostate		Inflammation	Subacute, Moderate
Testes	Interstit Cell	Hyperplasia	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 587

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A85-3496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Angiectasis	Focal, Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Biliar Tract	Proliferation	Mild
Lymph Node	Mediastinal	Congestion	Moderate
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas		Basophilic Focus	
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 4-13]			
Testes	Interstit Cell	Adenoma	
		Atrophy	Mild
	Interstit Cell	Hyperplasia	Multifocal, Minimal
[Adenoma TGLS = 2-6]			
[Atrophy TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Nose	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Capsule, Cortex Medulla	Accessory Adrenal Cortical Nodule Pheochromocytoma Benign	Mild
Bone Marrow		Hyperplasia	Moderate
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Leukemia Mononuclear Proliferation Regeneration	Marked Mild
Note: LEUKEMIA MONUC TGLs = 5-2			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal Mesenteric Mediastinal Mesenteric Pancreatic Mesenteric	Ectasia Hyperplasia Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Pigmentation	Mild Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
[Leukemia Mononuclear TGLS = 4-14]			
Mammary Gland	Duct	Cyst	Mild
Mesentery	Fat	Necrosis	Focal, Marked
[Necrosis TGLS = 2-13]			
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3497

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Subacute, Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-2]			
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-6]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Focal, Minimal
		Basophilic Focus	
		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Moderate
		Regeneration	Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Prostate		Inflammation	Subacute, Mild
Spleen		Fibrosis	Focal, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]			
Testes	Interstitial Cell	Adenoma	Multiple
[Adenoma TGLS = 1-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3498

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Hyperplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 658

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Nose
Prostate
Stomach - Forestomach
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Lung
Pancreas
Salivary Glands
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Thyroid Gland

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Preputial Gland
Spleen
Trachea

MISSING

Thymus

OBSERVATIONS

Adrenal Gland
Heart
Kidney
Note: NEPHROPATHY TGLs = 5-5
Liver

Medulla

Biliar Tract

Mesenteric
Mesenteric
Pars Distalis
Pars Distalis

Pheochromocytoma Benign
Cardiomyopathy
Nephropathy

Granuloma
Pigmentation
Proliferation

Hyperplasia
Pigmentation
Adenoma
Angiectasis

Minimal
Chronic, Moderate

Multiple, Mild
Cholesterol, Multifocal, Moderate
Minimal

Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Mild

Note: CHOLESTERAL IN GRANULOMAS.
Lymph Node
Pituitary Gland
[Adenoma TGLS = 6-1]
[Angiectasis TGLS = 6-1]
Skin
[Fibrosarcoma TGLS = 1-13]
Testes
[Adenoma TGLS = 3-6]

Subcut Tiss
Interstit Cell

Fibrosarcoma

Adenoma
Atrophy

Multiple
Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 658

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3499

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Hyperplasia	Mild
Brain		Compression	Mild
Note: COMPRESSION	TGLs = 10-1		
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY	TGLs = 7-5		
Liver		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Moderate
		Regeneration	Mild
Note: REGENERATION	TGLs = 8-2		
	[Leukemia Mononuclear TGLS = 8-2]		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Adenocarcinoma	
		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 1-7-1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3500

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenocarcinoma TGLS = 3-14]

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Angiectasis

Mild

Pars Distalis

Leukemia Mononuclear

[Adenoma TGLS = 9-1]

[Angiectasis TGLS = 9-1]

Prostate

Inflammation

Subacute, Mild

Skin

Subcut Tiss

Fibroma

Subcut Tiss

Fibrosarcoma

[Fibroma TGLS = 4-15]

[Fibrosarcoma TGLS = 2-13]

Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 6-2]

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 5-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Eye	Retina	Cataract	Mild
		Degeneration	Marked
[Cataract TGLS = 1-13]			
[Degeneration TGLS = 1-13]			
Kidney		Nephropathy	Chronic, Moderate
Liver		Degeneration	Cystic, Focal, Mild
		Eosinophilic Focus	
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose		Fungus	Mild
		Inflammation	Suppurative, Acute, Mild
Prostate		Inflammation	Subacute, Mild
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 2-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	Multiple
Bone Marrow		Hyperplasia	Moderate
Eye		Cataract	Mild
	Retina	Degeneration	Marked
	[Cataract TGLS = 1-17]		
	[Degeneration TGLS = 1-17]		
Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Note: [LEUKEMIA MONUC] TGLs = 12-5			
Liver		Degeneration	Cystic, Multifocal, Mild
		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Moderate
		Regeneration	Minimal
		Leukemia Mononuclear	
Lung		Hyperplasia	Macrophage, Multifocal, Minimal
Lymph Node	Mesenteric	Leukemia Mononuclear	
	Axillary	Leukemia Mononuclear	
	Bronchial	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3502

ORGAN AND ACCOUNTABLE SITE STATUS

Mediastinal		Leukemia Mononuclear	
Mesenteric		Leukemia Mononuclear	
Pancreatic		Leukemia Mononuclear	
Renal		Leukemia Mononuclear	
Mesenteric		Pigmentation	Cholesterol, Multifocal, Minimal
[Leukemia Mononuclear TGLS = 10-16]			
[Leukemia Mononuclear TGLS = 6-14]			
[Leukemia Mononuclear TGLS = 11-16]			
[Leukemia Mononuclear TGLS = 13-7]			
[Leukemia Mononuclear TGLS = 7-18]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-13]			
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-6+19]			
Prostate		Inflammation	Subacute, Minimal
Seminal Vesicle		Leukemia Mononuclear	
Spleen		Fibrosis	Focal, Moderate
		Leukemia Mononuclear	
		Necrosis	Focal, Moderate
Note: LEUKEMIA MONUC TGLs = 8-2			
[Leukemia Mononuclear TGLS = 9-15]			
[Necrosis TGLS = 9-15]			
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 4-6]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 663

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A85-3503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Preputial Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Leukemia Mononuclear	
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Kidney		Carcinoma	
		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Note: [CARCINOMA] TGLs = 7-14			
Liver		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Minimal
		Regeneration	Mild
[Leukemia Mononuclear TGLS = 8-2]			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland	Duct	Cyst	Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal
	Acinus	Hyperplasia	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 663

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A85-3503

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate	Inflammation	Subacute, Minimal
Seminal Vesicle	Dilatation	Mild
Note: DILATATION TGLs = 6-6		
Skin	Keratoacanthoma	
[Keratoacanthoma TGLS = 1-13]		
Spleen	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2+2-1.1]		
Testes	Interstit Cell	Adenoma
Note: ADENOMA TGLs = 3-6+6-1		
Thymus	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Hyperplasia	Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Marked
		[Cataract TGLS = 1-13]	
		[Degeneration TGLS = 1-13]	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Preputial Gland		Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 3-2]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3504

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 637

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY TGLs = 2-5			
Liver		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland	Duct	Cyst	Marked
[Cyst TGLS = 1-7]			
Nose		Fungus	Mild
		Inflammation	Suppurative, Acute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-1]			
[Angiectasis TGLS = 3-1]			
[Pigmentation TGLS = 3-1]			
Prostate		Inflammation	Subacute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 637

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3505

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Moderate
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Hyperplasia	Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Moderate
[Leukemia Mononuclear TGLS = 3-2]			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Preputial Gland		Inflammation	Subacute, Mild
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3506

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-2]

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 1-6]

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Pancreas	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Accessory Adrenal Cortical Nodule	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
	Biliar Tract	Proliferation	Moderate
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Prostate		Inflammation	Subacute, Moderate
Spleen		Leukemia Mononuclear	
Note: EARLY STAGE OF LEUKEMIA. [Leukemia Mononuclear TGLS = 2-2]			
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-6]			
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 4-8			
Eye	Retina	Cataract	Moderate
		Degeneration	Marked
[Cataract TGLs = 1-14]			
[Degeneration TGLs = 1-14]			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Note: NEPHROPATHY TGLs = 5-5			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Mild
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mesentery		Fibrosarcoma	Metastatic (Spleen)
Note: FIBROSARC TGLs = 6-15			
Pancreas	Acinus	Atrophy	Multifocal, Mild
	Artery	Inflammation	Subacute, Mild
Spleen		Fibrosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3508

ORGAN AND ACCOUNTABLE SITE STATUS

Leukemia Mononuclear

Note: FIBROSARCOMA HAS LARGE AREA OF NECROSIS.

[Fibrosarcoma TGLS = 3-13]

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 700

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Brain		Compression	Marked
[Compression TGLS = 10-1]			
Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
Liver		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Marked
Lung	Alveolar Epith	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 8-3]			
[Leukemia Mononuclear TGLS = 8-3]			
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50	TRT#: 1	SEX: Male	DAY ON TEST: 700
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO: A85-3509

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
[Leukemia Mononuclear TGLS = 5-13]			
Mammary Gland	Duct	Cyst	Marked
[Cyst TGLS = 1-7]			
Mesentery	Fat	Leukemia Mononuclear Necrosis	Focal, Moderate
[Leukemia Mononuclear TGLS = 7-14]			
[Necrosis TGLS = 7-14]			
Pancreas	Acinus	Atrophy Leukemia Mononuclear	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
[Adenoma TGLS = 9-1]			
[Angiectasis TGLS = 9-1]			
[Cyst TGLS = 9-1]			
Preputial Gland		Adenoma	
Note: ADENOMA TGLs = 2-8			
Prostate		Inflammation	Subacute, Mild
Salivary Glands		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Multifocal, Minimal
Note: ADENOMA TGLs = 4-6+6-1			
Thyroid Gland	Follicular Cel	Adenoma	Cystic

PRIMARY CAUSE OF DEATH -

Animal Note: COMPATIBLE WITH MONONUCLEAR CELL LEUKEMIA (TGL 3-62)

Animal Note: SMEAR FROM ABDOMINAL CAVITY EXAMINED AND MORPHOLOGY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 680

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Skin
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Preputial Gland
Spleen
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Salivary Glands
Stomach - Forestomach

Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Seminal Vesicle
Thymus

OBSERVATIONS

Adrenal Gland

Medulla
Medulla

Hyperplasia
Pheochromocytoma Benign
Fibrous Osteodystrophy
Degeneration

Focal, Mild

Moderate
Mild

Bone
Eye

Retina

[Degeneration TGLS = 3-13]

Kidney

Papilla, Transit Epithe

Hyperplasia
Nephropathy

Minimal
Chronic, Marked

[Nephropathy TGLS = 6-5]

Liver

Biliar Tract

Degeneration
Eosinophilic Focus
Mixed Cell Focus
Proliferation

Cystic, Multifocal, Mild
Multiple
Multiple
Mild

Note: CYSTIC DEGENERATION WITHIN EOSINOPHILIC FOCUS.

[Degeneration TGLS = 8-2]

[Eosinophilic Focus TGLS = 8-2]

Lymph Node

Mesenteric
Mesenteric
Pancreatic
Mesenteric
Pancreatic

Congestion
Hyperplasia
Hyperplasia
Pigmentation
Pigmentation
Cyst
Hyperplasia

Mild
Macrophage, Multifocal, Minimal
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Minimal
Cholesterol, Multifocal, Mild
Marked
Mild

Mammary Gland

Duct

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 680

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3520

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 4-7]			
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 9-3			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 10-1			
Note: ADENOMA TGLs = 10-1			
Prostate		Inflammation	Subacute, Marked
[Inflammation TGLS = 7-14]			
Stomach	Glandular	Mineralization	Mild
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 5-6]			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Medulla	Hyperplasia	Multifocal, Minimal
Bone		Fibrous Osteodystrophy	Mild
Heart		Cardiomyopathy	Minimal
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney	Cortex	Cyst	Mild
	Papilla, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
[Cyst TGLS = 5-5]			
[Nephropathy TGLS = 6-5]			
Liver		Basophilic Focus	
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	
	Biliar Tract	Proliferation	Mild
Note: GRANULOMA IN MIXED CELL FOCUS ON SLIDE 13.			
[Mixed Cell Focus TGLS = 7-13]			
Lung	Pleura	Congestion	Multifocal, Mild
Note: CONGESTION TGLs = 8-3			
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Hyperplasia	Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 62	TRT#: 3 DOSE: 2.5%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A85-3521
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ORGAN AND ACCOUNTABLE SITE STATUS			
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Note: ADENOMA TGLs = 9-1 [Adenoma TGLS = 9-1]			
Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Minimal
[Adenoma TGLS = 4-6] [Atrophy TGLS = 3-6]			
Thyroid Gland	C Cell	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney	Cortex	Cyst	Multiple, Mild
	Papilla, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY TGLs = 7-5			
Note: CYST TGLs = 10-5			
Liver		Basophilic Focus	
		Degeneration	Cystic, Multifocal, Moderate
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Minimal
Note: EOSIN FOCUS TGLs = 9-2			
Note: DEGEN TGLs = 9-2			
Note: CYSTIC DEGENERATION IN EOSINOPHILIC FOCI.			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: HYPERPLASIA TGLs = 5-4+13,8-4+13			
[Pigmentation TGLs = 5-4+13,8-4+13]			
Mesentery		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3522

ORGAN AND ACCOUNTABLE SITE STATUS

Note: MESOTHELIOMA ON SLIDE #6.

Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Cyst	
Prostate		Inflammation	Subacute, Minimal
Testes	Interstit Cell	Adenoma	Multiple

[Adenoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 486

DOSE: 2.5%

DISP: Dead

HISTO: A85-3523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland	Nose
Parathyroid Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Heart	Atrium	Fibrosis	Focal, Mild
		Thrombosis	Moderate
Note: FIBROSIS	TGLs = 8-2		
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatodiaphragmatic Nodule	Mild
	Biliar Tract	Proliferation	Moderate
[Hepatodiaphragmatic Nodule TGLS = 4-13]			
Lung	Pleura	Fibrosis	Focal, Moderate
Note: FIBROSIS	TGLs = 7-3+3.1		
Lymph Node	Mediastinal	Congestion	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CONGESTION	TGLs = 9-3		
Note: PIGMENT	TGLs = 5-4		
Note: HYPERPLASIA	TGLs = 5-4		
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Prostate		Inflammation	Subacute, Mild
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 710

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Multifocal, Mild
	Medulla	Pheochromocytoma Benign	
Blood Vessel	Abdominal	Mineralization	Marked
	Aorta	Mineralization	Marked
Note: MINERALIZATION TGLs = 9-14 [Mineralization TGLS = 8-13]			
Bone		Fibrous Osteodystrophy	Marked
Heart		Cardiomyopathy	Moderate
Kidney	Cortex	Cyst	Multiple, Mild
	Papilla, Transit Epithe	Hyperplasia	Mild
	Renal Tubule	Mineralization	Multifocal, Moderate
		Nephropathy	Chronic, Marked
[Cyst TGLS = 5-5]			
[Mineralization TGLS = 4-5]			
[Nephropathy TGLS = 4-5]			
Liver		Angiectasis	Multifocal, Mild
		Basophilic Focus	
		Degeneration	Cystic, Multifocal, Moderate
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 710

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3524

ORGAN AND ACCOUNTABLE SITE STATUS

	Biliar Tract	Proliferation	Moderate
Note: CYSTIC DEGENERATION IN EOSINOPHILIC FOCI.			
Note: ANGIECTASIS IN EOSINOPHILIC FOCI.			
[Angiectasis TGLS = 7-2-1]			
[Degeneration TGLS = 7-2-1]			
[Eosinophilic Focus TGLS = 7-2-1]			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Moderate
	Pancreatic	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Necrosis	Focal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
	Pancreatic	Pigmentation	Cholesterol, Multifocal, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Parathyroid Gland		Hyperplasia	Moderate
Stomach	Glandular	Mineralization	Mild
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Bone		Fibrous Osteodystrophy	Minimal
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	Multiple, Mild
	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-5]			
Liver		Congestion	Mild
		Granuloma	Multiple, Mild
		Hepatodiaphragmatic Nodule	Mild
		Mixed Cell Focus	Multiple
	Biliar Tract	Proliferation	Mild
Note: ANOM HEPAT LOB TGLs = 8-14			
Note: MIXED CELL FOCI ON SLIDE 14.			
Note: CONGESTION TGLs = 7-2			
Lymph Node	Mesenteric	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: HYPERPLASIA TGLs = 6-4			
Note: PIGMENT TGLs = 6-4			
[Ectasia TGLS = 6-4]			
Nose		Fungus	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3525

ORGAN AND ACCOUNTABLE SITE STATUS

	Nasolacrim Dct	Inflammation	Subacute, Minimal
		Inflammation	Suppurative, Acute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-13]		
Stomach	Glandular	Mineralization	Mild
Testes	Interstit Cell	Adenoma	Multiple
	[Adenoma TGLS = 4-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 626

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Intestine Large - Cecum
Intestine Small - Jejunum
Mammary Gland
Skin
Trachea

Brain
Intestine Large - Rectum
Islets, Pancreatic
Preputial Gland
Spleen
Urinary Bladder

Epididymis
Intestine Small - Duodenum
Lung
Salivary Glands
Stomach - Forestomach

Esophagus
Intestine Small - Ileum
Lymph Node - Mandibular
Seminal Vesicle
Thymus

OBSERVATIONS

Adrenal Gland
Bone
Bone Marrow
Heart
Intestine Large
Kidney

Medulla

Colon
Cortex
Papilla, Transit Epithe
Renal Tubule

Pheochromocytoma Benign
Fibrous Osteodystrophy
Hyperplasia
Cardiomyopathy
Parasite Metazoan
Cyst
Hyperplasia
Hyperplasia
Nephropathy

Multiple
Marked
Mild
Moderate
Mild
Multiple, Mild
Minimal
Minimal
Chronic, Marked

[Cyst TGLS = 5-14]

[Nephropathy TGLS = 4-5+14]

Liver

Angiectasis
Degeneration
Eosinophilic Focus
Proliferation

Multifocal, Mild
Cystic, Multifocal, Moderate
Multiple
Moderate

Biliar Tract

Note: ANGIECTASIS IN EOSINOPHILIC FOCI.

Note: CYSTIC DEGENERATION IN EOSINOPHILIC FOCI.

[Angiectasis TGLS = 7-13]

[Degeneration TGLS = 7-13]

[Eosinophilic Focus TGLS = 7-13]

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation
Foreign Body

Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Minimal
Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 626

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3526

ORGAN AND ACCOUNTABLE SITE STATUS

	Nasolacrim Dct	Fungus Inflammation Inflammation Basophilic Focus Hyperplasia	Moderate Subacute, Minimal Suppurative, Acute, Mild Minimal Moderate
Pancreas			
Parathyroid Gland [Hyperplasia TGLS = 8-3]			
Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Cyst Pigmentation Inflammation	Mild Hemosiderin, Mild Subacute, Moderate
Prostate [Inflammation TGLS = 3-6]			
Stomach	Glandular	Mineralization	Mild
Testes	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Multifocal, Minimal
Note: ADENOMA TGLs = 10-6			
Thyroid Gland	Follicular Cel	Carcinoma Inflammation	Suppurative, Acute, Mild
Note: INFLAMMATION IN CARCINOMA. [Carcinoma TGLS = 9-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 690

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
	Medulla	Hyperplasia	Multifocal, Mild
Bone		Fibrous Osteodystrophy	Moderate
Epididymis		Mesothelioma Malignant	
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	Multiple, Minimal
	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 8-5]			
Liver		Angiectasis	Multifocal, Moderate
	Biliar Tract	Cyst	Mild
		Degeneration	Cystic, Multifocal, Moderate
		Eosinophilic Focus	Multiple
	Biliar Tract	Proliferation	Moderate
Note: ANGIECTASIS WITHIN EOSINOPHILIC FOCI.			
Note: EOSIN FOCUS TGLs = 11-2			
Note: DEGEN TGLs = 11-2			
Note: ANGIECTASIS TGLs = 11-2			
Note: CYSTIC DEGENERATION WITHIN EOSINOPHILIC FOCI.			
Lymph Node	Mesenteric	Congestion	Moderate
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 690

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3527

ORGAN AND ACCOUNTABLE SITE STATUS

Renal	Hyperplasia	Macrophage, Multifocal, Mild
Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Renal	Pigmentation	Cholesterol, Multifocal, Minimal
Note: CONGESTION TGLs = 10-4		
Note: HYPERPLASIA TGLs = 10-4		
Note: PIGMENT TGLs = 10-4		
[Hyperplasia TGLs = 9-15]		
[Pigmentation TGLs = 9-15]		
Mesentery	Mesothelioma Malignant	
[Mesothelioma Malignant TGLs = 6-14]		
Pancreas	Acinus	Multifocal, Mild
Prostate	Inflammation	Subacute, Minimal
Skin	Subcut Tiss	
[Fibroma TGLs = 3-13]		
Spleen	Capsule	
Note: MESOTHELIO MAL TGLs = 7-2		
Stomach	Forestomach	Mild
	Forestomach	Subacute, Mild
	Glandular	Mild
Testes	Interstit Cell	Multiple
Note: ADENOMA TGLs = 5-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Mild
	Biliar Tract	Proliferation	Moderate
Note: CYSTIC DEGENERATION IN EOSINOPHILIC FOCI.			
Note: ANGIECTASIS IN EOSINOPHILIC FOCI.			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Moderate
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Mild
Skin		Hyperplasia	Focal, Moderate
Note: [HYPERPLASIA] TGLs = 3-13			
Testes	Interstitial Cell	Adenoma	Multiple
[Adenoma TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Ear		Schwannoma Benign	
Note: SCHWANNOMA BGN TGLs = 1-13			
Heart		Cardiomyopathy	Mild
Intestine Large	Cecum	Parasite Metazoan	Mild
	Colon	Parasite Metazoan	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Moderate
		Eosinophilic Focus	
		Granuloma	Multiple, Mild
	Biliar Tract	Proliferation	Mild
Note: EOSIN FOCUS TGLs = 7-2			
Note: CYSTIC DEGENERATION IN EOSINOPHILIC FOCI.			
Note: ANGIECTASIS IN EOSINOPHILIC FOCI.			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: PIGMENT TGLs = 6-4			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3529

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 6-4

Nose

Nasolacrim Dct

Inflammation

Subacute, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Testes

Interstit Cell

Adenoma

[Adenoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Heart		Cardiomyopathy	Moderate
Kidney	Papilla, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY	TGLs = 6-5		
Liver		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	
	Biliar Tract	Proliferation	Mild
Note: CYSTIC DEGENERATION IN EOSINOPHILIC FOCUS.			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Parathyroid Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 71	TRT#: 3 DOSE: 2.5%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A85-3530
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Fibrosis	Focal, Moderate
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 4-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 718

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Mild
Eye		Cataract	Mild
	Retina	Degeneration	Mild
Heart		Cardiomyopathy	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
Liver		Degeneration	Cystic, Multifocal, Minimal
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Necrosis	Focal, Minimal
	Biliar Tract	Proliferation	Mild
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 718

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3531

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland

Pars Distalis

Cyst

Minimal

Prostate

Inflammation

Subacute, Minimal

Testes

Interstit Cell

Adenoma

Multiple

Atrophy

Mild

[Adenoma TGLS = 5-6]

[Atrophy TGLS = 6-6]

Thymus

Cyst

Moderate

Zymbal's Gland

Carcinoma

[Carcinoma TGLS = 8-14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Minimal
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Multifocal, Minimal
		Degeneration	Cystic, Multifocal, Minimal
		Eosinophilic Focus	
	Biliar Tract	Proliferation	Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 4-13]			
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Prostate		Inflammation	Subacute, Mild
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-6]			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 723

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pituitary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Bone		Fibrous Osteodystrophy	Moderate
Eye		Cataract	Marked
	Retina	Degeneration	Marked
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	Multiple, Mild
	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Marked
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Hepatodiaphragmatic Nodule	Mild
		Proliferation	Moderate
	Biliar Tract		

Note: CYSTIC DEGENERATION IN EOSINOPHILIC FOCI.

Note: EOSIN FOCUS TGLs = 9-2

[Angiectasis TGLS = 10-13]

[Degeneration TGLS = 9-2]

[Eosinophilic Focus TGLS = 9-2]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 74	TRT#: 3 DOSE: 2.5%	SEX: Male DISP: Moribund	DAY ON TEST: 723 HISTO: A85-3533
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ORGAN AND ACCOUNTABLE SITE STATUS			
Lymph Node	Mediastinal Mesenteric Mesenteric	Hyperplasia Hyperplasia Pigmentation	Macrophage, Multifocal, Minimal Macrophage, Multifocal, Mild Cholesterol, Multifocal, Mild
Note: HYPERPLASIA TGLs = 12-3 [Hyperplasia TGLS = 6-4] [Pigmentation TGLS = 6-4]			
Pancreas	Acinus	Atrophy	Multifocal, Marked
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 11-3			
Prostate		Inflammation	Subacute, Mild
Stomach	Forestomach Forestomach	Inflammation Ulcer	Subacute, Marked Marked
[Inflammation TGLS = 7-14] [Ulcer TGLS = 7-14]			
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 4-6]			

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Pituitary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Pheochromocytoma Benign Fibrous Osteodystrophy	Fatty, Focal, Mild Multiple Moderate
Bone		Cataract	Marked
Eye	Retina	Degeneration	Marked
			[Cataract TGLS = 1-13]
			[Degeneration TGLS = 1-13]
Heart		Cardiomyopathy	Mild
Kidney	Cortex Papilla, Transit Epithe Renal Tubule	Cyst Hyperplasia Hyperplasia Nephropathy	Multiple, Mild Minimal Minimal Chronic, Marked
			[Nephropathy TGLS = 6-5]
Liver		Angiectasis Basophilic Focus Cyst Degeneration Eosinophilic Focus Granuloma Proliferation	Multifocal, Mild Minimal Cystic, Multifocal, Mild Multiple Multiple, Minimal Moderate
	Biliar Tract		

Note: CYSTIC DEGENERATION IN EOSINOPHILIC FOCI.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3534

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ANGIECTASIS IN EOSINOPHILIC FOCI.

[Angiectasis TGLS = 7-2]

[Degeneration TGLS = 7-2]

[Eosinophilic Focus TGLS = 7-2]

Lung

Alveolar/Bronchiolar Adenoma

Note: ALV BRON ADEN TGLs = 9-3

Lymph Node

Mediastinal

Congestion

Mild

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

[Congestion TGLS = 8-3]

Pancreas

Acinus

Atrophy

Multifocal, Mild

Parathyroid Gland

Hyperplasia

Moderate

Note: HYPERPLASIA TGLs = 10-3+3.1

Prostate

Inflammation

Subacute, Minimal

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Inflammation	Granulomatous, Multifocal, Mild
	Cortex	Pigmentation	Cholesterol, Multifocal, Mild
Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
	[Nephropathy TGLS = 3-5+5-1]		
Liver		Clear Cell Focus	
		Degeneration	Cystic, Multifocal, Minimal
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Mild
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
		Papilloma	
Pancreas	Acinus	Atrophy	Multifocal, Mild
Parathyroid Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3535

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland

Pars Distalis

Adenoma

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Brain	Epididymis	Esophagus
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 5-13]			
Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Intestine Large	Cecum	Parasite Metazoan	Mild
	Rectum	Parasite Metazoan	Mild
Kidney	Cortex	Cyst	Mild
	Papilla, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY	TGLs = 6-5		
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Multiple, Mild
	Biliar Tract	Proliferation	Mild
Lymph Node	Mesenteric	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Parathyroid Gland		Hyperplasia	Minimal
Preputial Gland		Hyperplasia	Minimal
Stomach	Glandular	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77	TRT#: 3 DOSE: 2.5%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A85-3536
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ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Adenoma Atrophy	Multiple Mild
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[Adenoma TGLS = 3-6]
[Atrophy TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 690

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	Multiple
Note: [PHEOCHROM BGN] TGLs = 5-14			
Blood Vessel	Abdominal	Mineralization	Moderate
	Aorta	Mineralization	Moderate
Note: MINERALIZATION TGLs = 10-16			
Bone		Fibrous Osteodystrophy	Moderate
Eye		Cataract	Moderate
	Retina	Degeneration	Marked
[Cataract TGLS = 1-13]			
[Degeneration TGLS = 1-13]			
Heart		Cardiomyopathy	Moderate
		Mineralization	Multifocal, Mild
Note: CARDIOMYOPATHY TGLs = 11-2			
[Cardiomyopathy TGLS = 11-2]			
Kidney	Papilla, Transit Epithe	Hyperplasia	Mild
	Renal Tubule	Mineralization	Multifocal, Moderate
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY TGLs = 6-5.1			
Liver		Angiectasis	Multifocal, Mild
	Biliar Tract	Cyst	Mild
		Degeneration	Cystic, Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 690

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3537

ORGAN AND ACCOUNTABLE SITE STATUS

Biliar Tract

Eosinophilic Focus
Granuloma
Proliferation

Multiple
Multiple, Mild
Mild

Note: CYSTIC DEGENERATION IN EOSINOPHILIC FOCUS.

Note: CYST TGLs = 8-15

Note: ANGIECTASIS IN EOSINOPHILIC FOCI.

Lymph Node

Mediastinal
Mesenteric
Mesenteric
Mesenteric

Congestion
Ectasia
Hyperplasia
Pigmentation

Mild
Mild
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild

Nose

Nasolacrim Dct

Inflammation
Inflammation

Subacute, Minimal
Suppurative, Acute, Minimal

Pancreas

Acinus

Atrophy
Hyperplasia

Multifocal, Mild
Moderate

Parathyroid Gland

Note: HYPERPLASIA TGLs = 9-3

Prostate

Inflammation

Subacute, Minimal

Stomach

Glandular

Mineralization

Moderate

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 4-6.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
Bone Marrow		Hyperplasia	Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Marked
			[Cataract TGLS = 1-13]
			[Degeneration TGLS = 1-13]
Intestine Large	Cecum	Parasite Metazoan	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY			TGLs = 5-5+5-1
Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Mixed Cell Focus	Multiple
		Proliferation	Mild
	Biliar Tract		
			[Mixed Cell Focus TGLS = 6-2]
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3538

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Subacute, Minimal
Testes	Interstit Cell	Adenoma	Multiple
Note: ADENOMA	TGLs = 4-6		
Thyroid Gland		Ultimobranchial Cyst	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CHOLESTEROL GRANULOMAS APPEAR TO BE ASSOCIATED WITH MIXED

Animal Note: CELL FOCI.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 716

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Moderate
Eye		Cataract	Marked
	Retina	Degeneration	Marked
			[Cataract TGLS = 3-13]
			[Degeneration TGLS = 3-13]
Heart		Cardiomyopathy	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY			TGLs = 7-5
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Moderate
		Eosinophilic Focus	Multiple
	Biliar Tract	Proliferation	Minimal
Note: ANGIECTASIS IN EOSINOPHILIC FOCI.			
Note: CYSTIC DEGENERATION IN EOSINOPHILIC FOCI.			
Note: ANGIECTASIS			TGLs = 8-2,9-15
			[Angiectasis TGLS = 8-2,9-15]
			[Degeneration TGLS = 8-2,9-15]
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Mammary Gland	Duct	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 716

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3539

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Hyperplasia	Minimal
Parathyroid Gland		Atrophy	Multifocal, Minimal
Note: HYPERPLASIA TGLs = 10-3		Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland		Inflammation	Subacute, Minimal
Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 4-14]			
Stomach	Forestomach	Edema	Mild
	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 5-6]	Interstit Cell	Hyperplasia	Multifocal, Minimal
[Atrophy TGLS = 6-6]			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 708

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Bone Marrow

Brain

Epididymis

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Mammary Gland

Nose

Pituitary Gland

Preputial Gland

Prostate

Salivary Glands

Seminal Vesicle

Skin

Spleen

Stomach - Forestomach

Thymus

Trachea

Urinary Bladder

OBSERVATIONS

Adrenal Gland

Medulla

Hyperplasia

Focal, Moderate

Medulla

Pheochromocytoma Benign

Bone

Fibrous Osteodystrophy

Moderate

Ear

Schwannoma Benign

Note: SCHWANNOMA BGN TGLs = 12-14

Heart

Cardiomyopathy

Mild

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

[Nephropathy TGLS = 4-5]

Liver

Angiectasis

Multifocal, Moderate

Degeneration

Cystic, Multifocal, Moderate

Eosinophilic Focus

Multiple

Centrilobular

Necrosis

Mild

Biliar Tract

Proliferation

Moderate

Note: CYSTIC DEGENERATION ASSOCIATED WITH EOSINOPHLIC FOCI.

Note: ANGIECTASIS ASSOCIATED WITH EOSINOPHLIC FOCI.

[Angiectasis TGLS = 6-13+2]

[Degeneration TGLS = 6-13+2]

[Eosinophilic Focus TGLS = 6-13+2]

[Necrosis TGLS = 8-2+13]

Lymph Node

Mediastinal

Congestion

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 708

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3540

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CONGESTION	TGLs = 11-3	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Pancreas		Acinus	Atrophy	Multifocal, Moderate
Parathyroid Gland			Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 9-3			
Stomach		Glandular	Mineralization	Mild
Testes		Interstitial Cell	Adenoma	Multiple
[Adenoma TGLS = 3-6]				
Thyroid Gland		C Cell	Carcinoma	
Note: CARCINOMA	TGLs = 10-3			
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 577

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Parathyroid Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Hyperplasia	Focal, Minimal
Blood Vessel	Abdominal	Hypertrophy	Moderate
[Hypertrophy TGLS = 6-13]			
Bone Marrow		Hyperplasia	Moderate
Brain		Compression	Mild
Heart		Cardiomyopathy	Mild
Kidney	Transit Epithe	Carcinoma	
	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY TGLs = 8-5			
[Carcinoma TGLS = 7-14]			
Liver		Eosinophilic Focus	
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Mild
Lymph Node	Pancreatic	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Pancreatic	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
	Pancreatic	Pigmentation	Cholesterol, Multifocal, Mild
Note: PIGMENT TGLs = 5-16			
Note: PIGMENT TGLs = 9-4			
Note: HYPERPLASIA TGLs = 9-4			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 577

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3541

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 5-16

[Ectasia TGLS = 5-16]

Mammary Gland

Duct

Cyst

Mild

[Cyst TGLS = 3-7]

Nose

Fungus

Mild

Inflammation

Suppurative, Acute, Mild

Pancreas

Acinus

Atrophy

Multifocal, Moderate

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Angiectasis

Moderate

Note: ANGIECTASIS TGLs = 11-1

Note: ADENOMA TGLs = 11-1

Prostate

Inflammation

Subacute, Mild

Testes

Interstit Cell

Adenoma

Interstit Cell

Hyperplasia

Multifocal, Minimal

[Adenoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 681

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Hyperplasia	Focal, Marked
	Medulla	Hyperplasia	Focal, Mild
Blood Vessel	Abdominal	Mineralization	Moderate
	Aorta	Mineralization	Marked
Note: MINERALIZATION PRESENT IN MANY ORGANS IN ABDOMAN.			
Note: MINERALIZATION TGLs = 10-14			
Bone		Fibrous Osteodystrophy	Moderate
Bone Marrow		Hyperplasia	Minimal
Eye	Retina	Degeneration	Moderate
[Degeneration TGLS = 1-13]			
Heart		Cardiomyopathy	Moderate
		Mineralization	Multifocal, Moderate
Note: MINERALIZATION TGLs = 11-2+2-1			
Note: CARDIOMYOPATHY TGLs = 11-2+2-1			
Intestine Large	Colon, Lymphoid Tiss	Inflammation	Subacute, Mild
	Colon, Lymphoid Tiss	Mineralization	Mild
	Colon, Wall	Mineralization	Moderate
	Rectum, Wall	Mineralization	Moderate
Intestine Small	Ileum, Lymphoid Tiss	Inflammation	Subacute, Mild
	Ileum, Lymphoid Tiss	Mineralization	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Mild
	Renal Tubule	Mineralization	Multifocal, Marked
		Nephropathy	Chronic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 83	TRT#: 3 DOSE: 2.5%	SEX: Male DISP: Moribund	DAY ON TEST: 681 HISTO: A85-3542
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: MINERALIZATION TGLs = 6-5 [Nephropathy TGLS = 5-5]			
Liver		Angiectasis Degeneration Eosinophilic Focus	Multifocal, Mild Cystic, Multifocal, Moderate Multiple
	Biliar Tract	Proliferation Vacuolization Cytoplasmic	Moderate Diffuse, Mild
Note: ANGIECTASIS TGLs = 8-2 [Angiectasis TGLS = 8-2] [Degeneration TGLS = 8-2]			
Lymph Node	Mandibular Mesenteric Mesenteric	Ectasia Hyperplasia Pigmentation	Minimal Macrophage, Multifocal, Mild Cholesterol, Multifocal, Mild
Mammary Gland	Duct	Cyst Hyperplasia	Mild Mild
Pancreas	Acinus	Atrophy Hyperplasia	Multifocal, Moderate Moderate
Parathyroid Gland			
Note: HYPERPLASIA TGLs = 9-3			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Prostate		Inflammation	Subacute, Mild
Stomach	Forestomach Glandular	Mineralization Mineralization	Mild Moderate
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 4-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 655

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Bone Marrow

Brain

Epididymis

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lung

Preputial Gland

Prostate

Salivary Glands

Seminal Vesicle

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Thymus

Trachea

Urinary Bladder

OBSERVATIONS

Adrenal Gland

Medulla

Hyperplasia

Multifocal, Mild

Medulla

Pheochromocytoma Benign

Bone

Fibrous Osteodystrophy

Mild

Heart

Cardiomyopathy

Moderate

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Moderate

Note: NEPHROPATHY TGLs = 7-5

Liver

Congestion

Mild

Eosinophilic Focus

Multiple

Proliferation

Moderate

[Congestion TGLS = 9-2]

Biliar Tract

Lymph Node

Congestion

Mild

Mandibular

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Mesenteric

[Congestion TGLS = 4-7]

Mammary Gland

Duct

Cyst

Mild

[Cyst TGLS = 3-7]

Nose

Foreign Body

Mild

Fungus

Moderate

Inflammation

Suppurative, Acute, Mild

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Parathyroid Gland

Hyperplasia

Mild

Pituitary Gland

Pars Distalis

Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 655

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3543

ORGAN AND ACCOUNTABLE SITE STATUS

Pars Distalis

Angiectasis

Marked

Pars Distalis

Hemorrhage

Moderate

[Adenoma TGLS = 10-1]

Testes

Interstit Cell

Adenoma

[Adenoma TGLS = 5-6]

Thyroid Gland

C Cell

Hyperplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 612

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Marked
Heart		Cardiomyopathy	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY TGLs = 2-5			
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	Multiple
		Hepatocellular Adenoma	
	Biliar Tract	Proliferation	Mild
Note: HEPATOCLR ADEN TGLs = 3-13			
Lymph Node	Mediastinal	Congestion	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Nose		Foreign Body	Mild
		Fungus	Mild
	Nasolacrim Dct	Inflammation	Subacute, Minimal
		Inflammation	Suppurative, Acute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 612

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3544

ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gland

Hyperplasia

Marked

Prostate

Inflammation

Subacute, Minimal

Spleen

Fibrosis

Focal, Moderate

Testes

Interstitial Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 679

DOSE: 2.5%

DISP: Dead

HISTO: A85-3545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 6-15			
Bone		Fibrous Osteodystrophy	Moderate
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 7-5]			
Liver	Centrilobular	Necrosis	Moderate
	Biliar Tract	Proliferation	Moderate
[Necrosis TGLS = 9-2]			
Lymph Node	Mediastinal	Congestion	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland		Adenoma	
Note: ADENOMA TGLs = 4-14			
Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-13]			
Stomach	Glandular	Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 679

DOSE: 2.5%

DISP: Dead

HISTO: A85-3545

ORGAN AND ACCOUNTABLE SITE STATUS

Testes [Adenoma TGLS = 5-6]	Interstit Cell	Adenoma	Multiple
Thyroid Gland Note: [CARCINOMA] TGLs = 10-3	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 567

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mammary Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	Multiple
[Pheochromocytoma Malignant TGLS = 4-14+8]			
Blood Vessel	Abdominal	Hypertrophy	Moderate
	Abdominal	Mineralization	Moderate
	Aorta	Mineralization	Moderate
	Abdominal	Thrombosis	Moderate
[Hypertrophy TGLS = 3-13]			
[Mineralization TGLS = 3-13]			
[Thrombosis TGLS = 3-13]			
Bone		Fibrous Osteodystrophy	Marked
Note: FIB OSTEODYST	TGLs = 10-9+15		
Heart		Cardiomyopathy	Mild
		Mineralization	Multifocal, Mild
	Atrium	Thrombosis	Marked
Note: THROMBUS	TGLs = 9-2		
Note: MINERALIZATION	TGLs = 9-2		
Kidney	Cortex	Cyst	Multiple, Mild
		Hydronephrosis	Mild
	Papilla, Transit Epithe	Hyperplasia	Minimal
	Renal Tubule	Mineralization	Multifocal, Moderate
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY	TGLs = 5-5		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:58
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 87	TRT#: 3 DOSE: 2.5%	SEX: Male DISP: Moribund	DAY ON TEST: 567 HISTO: A85-3546
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ORGAN AND ACCOUNTABLE SITE STATUS

[Nephropathy TGLS = 6-5]			
Liver		Angiectasis Degeneration Eosinophilic Focus	Multifocal, Mild Cystic, Multifocal, Mild Multiple
Note: EOSIN FOCUS TGLs = 7-2	Biliar Tract	Proliferation	Moderate
Lung	Alveolar Epith	Hyperplasia	Focal, Marked
Note: HYPERPLASIA TGLs = 8-3			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Parathyroid Gland		Hyperplasia	Moderate
Stomach	Glandular	Mineralization	Moderate
Testes	Interstit Cell	Hyperplasia	Multifocal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 643

DOSE: 2.5%

DISP: Dead

HISTO: A85-3547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Nose	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Brain		Compression	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Mixed Cell Focus	
	Biliar Tract	Proliferation	Mild
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland	Duct	Cyst	
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 1-1]			
[Angiectasis TGLS = 1-1]			
Prostate		Inflammation	Subacute, Moderate
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 682

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Pheochromocytoma Benign	Multiple
Blood Vessel	Abdominal	Hypertrophy	Moderate
[Hypertrophy TGLS = 4-13]			
Bone		Fibrous Osteodystrophy	Marked
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Intestine Small	Jejunum	Inflammation	Subacute, Multifocal, Mild
	Jejunum	Necrosis	Multifocal, Mild
Note: INFLAMMATION TGLs = 5-14			
[Inflammation TGLS = 5-14]			
Kidney	Cortex	Cyst	Multiple, Minimal
	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 3-5]			
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	Multiple
	Biliar Tract	Proliferation	Moderate
Note: EOSIN FOCUS TGLs = 6-15+2			
Lymph Node	Mesenteric	Fibrosis	Focal, Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Pancreatic	Hyperplasia	Macrophage, Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 682

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3548

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Necrosis	Focal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
	Pancreatic	Pigmentation	Cholesterol, Multifocal, Mild
	[Hyperplasia TGLS = 4-13-1]		
	[Pigmentation TGLS = 4-13-1]		
Nose		Foreign Body	Mild
		Fungus	Mild
	Nasolacrim Dct	Inflammation	Subacute, Minimal
		Inflammation	Suppurative, Acute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Parathyroid Gland		Hyperplasia	Moderate
Preputial Gland	Duct	Cyst	Moderate
Note: CYST	TGLs = 7-8		
Spleen		Fibrosis	Focal, Mild
Testes	Interstit Cell	Adenoma	Multiple
	[Adenoma TGLS = 2-6]		
Thyroid Gland	C Cell	Hyperplasia	Focal, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Mild
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
	[Nephropathy TGLS = 4-5+5-1]		
Liver		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Proliferation	Mild
	Biliar Tract		
	[Eosinophilic Focus TGLS = 5-2,6-2]		
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
	Duct	Cyst	Mild
	Acinus	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 90	TRT#: 3 DOSE: 2.5%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A85-3549
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ORGAN AND ACCOUNTABLE SITE STATUS			
Parathyroid Gland	Artery	Inflammation	Subacute, Mild
Prostate		Hyperplasia	Mild
Skin		Inflammation	Subacute, Minimal
		Hyperplasia	Focal, Mild
		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 1-13,9-14			
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-6]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 723

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Bone		Fibrous Osteodystrophy	Marked
Heart		Cardiomyopathy	Moderate
Kidney	Cortex	Cyst	Multiple, Mild
	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 6-5]			
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Moderate
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Hepatodiaphragmatic Nodule	Mild
		Mixed Cell Focus	
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Mild
[Angiectasis TGLS = 8-2+15]			
[Degeneration TGLS = 8-2+15]			
[Eosinophilic Focus TGLS = 8-2+15]			
[Hepatodiaphragmatic Nodule TGLS = 9-15]			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Multifocal, Moderate
[Hyperplasia TGLS = 12-3+3.1]			
Lymph Node	Mediastinal	Congestion	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 91	TRT#: 3 DOSE: 2.5%	SEX: Male DISP: Moribund	DAY ON TEST: 723 HISTO: A85-3550
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ORGAN AND ACCOUNTABLE SITE STATUS			
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CONGESTION	TGLs = 13-3+3.1		
	[Hyperplasia TGLS = 10-4]		
	[Pigmentation TGLS = 10-4]		
Mammary Gland		Hyperplasia	Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Parathyroid Gland		Hyperplasia	Moderate
	[Hyperplasia TGLS = 11-3+3.1]		
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Note: ADENOMA	TGLs = 14-1		
Note: ANGIECTASIS	TGLs = 14-1		
Skin	Subcut Tiss	Fibroma	
	[Fibroma TGLS = 3-13]		
Spleen		Fibrosis	Focal, Moderate
	[Fibrosis TGLS = 5-14]	Infiltration Cellular	Lipocyte, Mild
	[Infiltration Cellular TGLS = 5-14]		
Testes	Interstit Cell	Adenoma	Multiple
	[Adenoma TGLS = 4-6]		

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 666

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Moderate
	Heart	Cardiomyopathy	Mild
Note: THROMBUS TGLs = 10-2	Atrium	Thrombosis	Marked
	Kidney	Cyst	Multiple, Mild
Note: NEPHROPATHY TGLs = 6-5 Note: CYST TGLs = 7-14	Cortex	Hyperplasia	Minimal
	Papilla, Transit Epithe	Hyperplasia	Minimal
	Renal Tubule	Nephropathy	Chronic, Marked
	Liver	Angiectasis	Multifocal, Mild
Note: EOSIN FOCUS TGLs = 8-16+2 Note: MIXED CL FOCUS TGLs = 9-15		Degeneration	Cystic, Multifocal, Moderate
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Mixed Cell Focus	
	Biliar Tract	Proliferation	Moderate
	Lymph Node	Mandibular	Ectasia

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 666

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3551

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
	Acinus	Hyperplasia	Focal, Mild
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 11-3		
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild
Prostate		Inflammation	Subacute, Mild
Spleen		Fibrosis	Focal, Moderate
Note: FIBROSIS	TGLs = 5-13		
Testes	Interstit Cell	Adenoma	Multiple
Note: ADENOMA	TGLs = 4-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Marked
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	Multiple, Mild
	Papilla, Transit Epithe	Hyperplasia	Minimal
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY	TGLs = 4-5		
Note: CYST	TGLs = 5-5		
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Moderate
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Mild
	Biliar Tract	Proliferation	Mild
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland	Duct	Cyst	Minimal
Parathyroid Gland		Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Cyst	Mild
Spleen		Fibrosis	Focal, Minimal
Stomach	Glandular	Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3552

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA

TGLs = 3-6

Thymus

Cyst

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY	TGLs = 7-5		
Liver		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Mixed Cell Focus	
	Biliar Tract	Proliferation	Moderate
Note: MIXED CL FOCUS	TGLs = 8-15		
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
	Acinus	Hyperplasia	Focal, Minimal
Skin		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 3-13		
Spleen		Fibrosarcoma	
Note: FIBROSARC	TGLs = 5-14,6-14		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 94	TRT#: 3 DOSE: 2.5%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A85-3553
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ORGAN AND ACCOUNTABLE SITE STATUS			
Testes Note: ADENOMA TGLs = 4-6	Interstit Cell	Adenoma	Multiple
Thyroid Gland	C Cell	Hyperplasia	Focal, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Pheochromocytoma Benign	Multiple
Bone		Fibrous Osteodystrophy	Moderate
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 6-5]			
Liver		Angiectasis	Multifocal, Mild
		Basophilic Focus	
		Degeneration	Cystic, Multifocal, Moderate
		Eosinophilic Focus	Multiple
		Mixed Cell Focus	Multiple
	Biliar Tract	Proliferation	Mild
[Angiectasis TGLS = 7-14+15+2]			
[Degeneration TGLS = 7-14+15+2]			
[Eosinophilic Focus TGLS = 7-14+15+2]			
[Mixed Cell Focus TGLS = 8-14+15+2]			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Parathyroid Gland		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3554

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Cyst	Minimal
Preputial Gland		Inflammation	Subacute, Minimal
Seminal Vesicle		Inflammation	Subacute, Minimal
Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 3-13]			
Stomach	Glandular	Mineralization	Minimal
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 5-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:58

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 624

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Parathyroid Gland	Preputial Gland	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Proliferation	Mild
	Biliar Tract		
Note: EOSIN FOCUS	TGLs = 7-14+2		
Lung		Carcinoma	Metastatic (Zymbal'S Gland), > Five (Zymbal'S Gland), Multiple (Zymbal'S Gland)
Note: CARCINOMA	TGLs = 8-16+3,11-17		
Lymph Node	Mandibular	Ectasia	Moderate
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Moderate
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Moderate
Note: ECTASIA	TGLs = 5-7		
Nose	Nasolacrim Dct	Inflammation	Subacute, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Subacute, Mild
Salivary Glands	Acinus	Atrophy	Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 624

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3555

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen			Fibrosis	Focal, Moderate
Note: FIBROSIS	TGLs = 6-13			
Testes		Interstit Cell	Adenoma	
		Interstit Cell	Hyperplasia	Multifocal, Minimal
Note: ADENOMA	TGLs = 10-6			
Zymbal's Gland			Carcinoma	
Note: CARCINOMA	TGLs = 9-15			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 658

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Nose	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Capsule, Cortex	Osteosarcoma	Metastatic (Bone)
Bone		Osteosarcoma	
Note: OSTEOSARC TGLs = 6-13			
Note: OSTEOSARCOMA COULD HAVE ORIGINATED FROM PELVIS.			
Bone Marrow		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
		Mineralization	Multifocal, Mild
Intestine Large	Colon	Osteosarcoma	Metastatic (Bone)
Intestine Small	Duodenum	Osteosarcoma	Metastatic (Bone)
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
Liver		Leukemia Mononuclear	
		Osteosarcoma	Metastatic (Bone)
	Biliar Tract	Proliferation	Mild
Note: LEUKEMIA MONUC TGLs = 9-2			
Note: OSTEOSARC TGLs = 10-2			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 11-4			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 97	TRT#: 3 DOSE: 2.5%	SEX: Male DISP: Moribund	DAY ON TEST: 658 HISTO: A85-3556
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC	TGLs = 13-3			
Mammary Gland		Duct	Cyst	Minimal
Mesentery			Osteosarcoma	Metastatic (Bone)
Note: OSTEOSARC	TGLs = 7-14			
Pancreas			Osteosarcoma	Metastatic (Bone)
Note: OSTEOSARC	TGLs = 14-4+4-1			
Pituitary Gland		Pars Distalis	Hyperplasia	Focal, Mild
		Pars Distalis	Leukemia Mononuclear	
Seminal Vesicle			Osteosarcoma	Metastatic (Bone)
Note: OSTEOSARC	TGLs = 15-6			
Skeletal Muscle		Diaphragm	Osteosarcoma	Metastatic (Bone)
Note: OSTEOSARC	TGLs = 12-15			
Spleen			Leukemia Mononuclear	
			Osteosarcoma	Metastatic (Bone)
Note: LEUKEMIA MONUC	TGLs = 5-2			
Stomach		Glandular	Leukemia Mononuclear	
		Forestomach	Osteosarcoma	Metastatic (Bone)
Note: LEUKEMIA MONUC	TGLs = 17-4-1			
Note: OSTEOSARC	TGLs = 16-4-1			
Testes		Interstit Cell	Adenoma	Multiple
Note: ADENOMA	TGLs = 4-6+6-1			
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 581

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Bone Marrow

Brain

Epididymis

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lung

Nose

Preputial Gland

Salivary Glands

Seminal Vesicle

Spleen

Stomach - Forestomach

Stomach - Glandular

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Medulla

Pheochromocytoma Malignant

Medulla

Thrombosis

Note: THROMBUS TGLs = 5-14

[Pheochromocytoma Malignant TGLS = 5-14]

Bone

Fibrous Osteodystrophy

Mild

Heart

Cardiomyopathy

Mild

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Note: NEPHROPATHY TGLs = 6-5

Nephropathy

Chronic, Marked

Liver

Angiectasis

Multifocal, Mild

Eosinophilic Focus

Multiple

Granuloma

Multiple, Mild

Mixed Cell Focus

Biliar Tract

Proliferation

Mild

Note: MIXED CL FOCUS TGLs = 7-15

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Note: MESENTERIC NODE ON SLIDE 4-1

Pancreas

Artery

Hypertrophy

Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 581

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3557

ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gland Note: HYPERPLASIA TGLs = 8-3		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Cyst	Mild
Prostate		Inflammation	Subacute, Minimal
Skin Note: FIBROMA TGLs = 3-13	Subcut Tiss	Fibroma	
Testes Note: ADENOMA TGLs = 4-6	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Multifocal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 612

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 4-8	Medulla	Pheochromocytoma Benign	Multiple
Bone		Fibrous Osteodystrophy	Marked
Epididymis		Granuloma Sperm	Mild
Heart		Cardiomyopathy	Moderate
Kidney	Cortex	Cyst	Multiple, Minimal
	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY TGLs = 5-5			
Liver		Granuloma	Multiple, Minimal
		Mixed Cell Focus	Multiple
	Biliar Tract	Proliferation	Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Moderate
	Artery	Inflammation	Subacute, Mild
Parathyroid Gland		Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 6-3			
Stomach	Glandular	Mineralization	Mild
Testes	Interstit Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 612

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3558

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 3-6

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	Mild
	Medulla	Pheochromocytoma Benign	
Blood Vessel	Abdominal	Hypertrophy	Moderate
	Abdominal	Inflammation	Subacute, Moderate
Note: INFLAMMATION	TGLs = 8-15		
Note: HYPERTROPHY	TGLs = 8-15		
Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Hyperplasia	Mild
Kidney	Cortex	Cyst	Multiple, Mild
	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY	TGLs = 7-5+16		
Note: CYST	TGLs = 9-16		
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Moderate
		Eosinophilic Focus	Multiple
	Biliar Tract	Proliferation	Mild
Lymph Node	Mesenteric	Fibrosis	Focal, Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Moderate
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3559

ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gland

Hyperplasia

Mild

Skin

Keratoacanthoma

Subcut Tiss

Schwannoma Benign

Note: SCHWANNOMA BGN TGLs = 2-14

Note: KERATOACANTHMA TGLs = 1-13

Testes

Interstit Cell

Adenoma

Atrophy

Mild

Interstit Cell

Hyperplasia

Multifocal, Mild

Note: ATROPHY TGLs = 6-6

Note: ADENOMA TGLs = 5-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 101

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mammary Gland	Nose	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Stomach - Forestomach	Stomach - Glandular
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY TGLs = 5-5			
Liver		Angiectasis	Multifocal, Minimal
		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Proliferation	Mild
Note: EOSIN FOCUS TGLs = 6-14	Biliar Tract		
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Moderate
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Mild
Parathyroid Gland		Hyperplasia	Minimal
Skin		Squamous Cell Papilloma	
Note: PAPHILLOMA SQUA TGLs = 1-13			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 101

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3560

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA

TGLs = 4-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Epididymis	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	Multiple
Bone		Fibrous Osteodystrophy	Minimal
Bone Marrow		Hyperplasia	Mild
Esophagus		Inflammation	Subacute, Mild
Eye	Retina	Cataract	Moderate
		Degeneration	Moderate
		[Cataract TGLS = 3-13]	
		[Degeneration TGLS = 3-13]	
Heart		Cardiomyopathy	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
		[Nephropathy TGLS = 8-5]	
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Moderate
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Mixed Cell Focus	Multiple
	Biliar Tract	Proliferation	Moderate
Note: DEGEN	TGLs = 11-2+17		
	[Angiectasis TGLS = 12-17]		
	[Degeneration TGLS = 11-2+17]		
	[Eosinophilic Focus TGLS = 11-2+17]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3561

ORGAN AND ACCOUNTABLE SITE STATUS

[Proliferation TGLS = 10-2+17]

Lymph Node	Mediastinal	Congestion	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Pancreatic	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
	Pancreatic	Pigmentation	Cholesterol, Multifocal, Mild

Note: CONGESTION TGLs = 13-3

Note: PIGMENT TGLs = 7-16

Note: HYPERPLASIA TGLs = 7-16

Mammary Gland	Duct	Cyst	Marked
		Inflammation	Chronic, Moderate

[Cyst TGLS = 4-14]

[Inflammation TGLS = 4-14]

Nose		Foreign Body	Mild
		Fungus	Mild
	Nasolacrim Dct	Inflammation	Subacute, Mild
		Inflammation	Suppurative, Acute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
	Acinus	Hyperplasia	Focal, Mild
	Artery	Inflammation	Subacute, Mild
Parathyroid Gland		Hyperplasia	Minimal

Note: HYPERPLASIA TGLs = 14-3

Preputial Gland		Foreign Body	Mild
		Inflammation	Subacute, Mild
Spleen		Fibrosis	Focal, Moderate

[Fibrosis TGLS = 6-15]

Testes	Interstitial Cell	Adenoma	Multiple
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[Adenoma TGLS = 5-6]

PRIMARY CAUSE OF DEATH

-

Animal Note: GOOD EXAMPLE OF DRUG INDUCED LESIONS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 103

TRT#: 3

SEX: Male

DAY ON TEST: 605

DOSE: 2.5%

DISP: Dead

HISTO: A85-3562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Small - Ileum
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Intestine Large - Colon
Islets, Pancreatic
Pancreas
Seminal Vesicle
Thymus

Brain
Intestine Large - Rectum
Lung
Parathyroid Gland
Skin
Thyroid Gland

Epididymis
Intestine Small - Duodenum
Lymph Node - Mandibular
Preputial Gland
Stomach - Forestomach
Trachea

AUTO PRECLUDES DIAG.

Bone Marrow

Intestine Small - Jejunum

Kidney

Spleen

OBSERVATIONS

Adrenal Gland

Medulla
Medulla

Hyperplasia
Pheochromocytoma Benign

Focal, Mild

Heart

Cardiomyopathy

Mild

Intestine Large

Cecum

Polyp Adenomatous

Note: POLYP ADENOMAT TGLs = 6-14

Note: MARKED AUTOLYSIS IN TGL 6-14.

Liver

Angiectasis
Degeneration
Eosinophilic Focus

Multifocal, Mild
Cystic, Multifocal, Mild
Multiple

Lymph Node

Biliar Tract
Mesenteric
Mesenteric

Proliferation
Hyperplasia
Pigmentation
Fibroadenoma

Mild
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Mammary Gland

Note: FIBROADENOMA TGLs = 3-13

Pituitary Gland

Pars Distalis

Cyst

Minimal

Prostate

Inflammation

Subacute, Mild

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 5-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 104

TRT#: 3

SEX: Male

DAY ON TEST: 710

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Bone Marrow		Hyperplasia	Mild
Epididymis		Mesothelioma Malignant	
Heart	Atrium	Cardiomyopathy	Moderate
		Thrombosis	Marked
[Thrombosis TGLS = 11-2]			
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY TGLs = 6-5			
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Moderate
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Moderate
[Proliferation TGLS = 8-2]			
Lung		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 10-3]			
Lymph Node	Mediastinal	Congestion	Mild
	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CONGESTION TGLs = 12-3			
Note: HYPERPLASIA TGLs = 9-4			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 104	TRT#: 3 DOSE: 2.5%	SEX: Male DISP: Moribund	DAY ON TEST: 710 HISTO: A85-3563
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ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 9-4]			
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-13]			
Pancreas	Acinus	Atrophy	Multifocal, Mild
Preputial Gland		Inflammation	Subacute, Minimal
Prostate		Inflammation	Subacute, Mild
Seminal Vesicle		Mesothelioma Malignant	
Testes	Interstit Cell	Adenoma	Multiple
		Mesothelioma Malignant	
[Adenoma TGLS = 4-6]			
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 105

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Moderate
	Eye	Cataract	Marked
	Retina	Degeneration	Marked
Note: DEGEN	TGLs = 1-14		
Note: CATARACT	TGLs = 1-14		
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Mild
	Rectum	Parasite Metazoan	Mild
Kidney	Cortex	Cyst	Multiple, Mild
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY	TGLs = 4-5		
Note: CYST	TGLs = 8-5		
Liver		Eosinophilic Focus	Multiple
		Mixed Cell Focus	Multiple
	Biliar Tract	Proliferation	Mild
Note: MIXED CL FOCUS	TGLs = 5-2		
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 105

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3564

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland

Fibroadenoma

Note: FIBROADENOMA TGLs = 2-13

Nose

Fungus

Moderate

Nasolacrim Dct

Inflammation

Subacute, Minimal

Inflammation

Suppurative, Acute, Mild

Pancreas

Acinus

Atrophy

Multifocal, Mild

Parathyroid Gland

Hyperplasia

Mild

Pituitary Gland

Pars Distalis

Hyperplasia

Focal, Mild

Testes

Interstitial Cell

Adenoma

Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 106

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	Multiple
Note: [PHEOCHROM BGN] TGLs = 4-8			
Bone		Fibrous Osteodystrophy	Moderate
Heart		Cardiomyopathy	Moderate
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY TGLs = 5-5.1			
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Moderate
		Eosinophilic Focus	Multiple
	Biliar Tract	Proliferation	Mild
Note: EOSIN FOCUS TGLs = 6-2			
Note: CYSTIC DEGENERATION IN EOSINOPHILIC FOCI.			
Note: ANGIECTASIS IN EOSINOPHILIC FOCI.			
Note: ANGIECTASIS TGLs = 6-2			
[Eosinophilic Focus TGLS = 6-2]			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Parathyroid Gland		Hyperplasia	Mild
Stomach	Glandular	Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 106

TRT#: 3
DOSE: 2.5%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: A85-3565

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Interstit Cell

Adenoma
Atrophy
Hyperplasia

Moderate
Multifocal, Minimal

[Adenoma TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 107

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Small - Duodenum
Lung
Prostate
Stomach - Glandular
Urinary Bladder

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Salivary Glands
Thymus

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Parathyroid Gland
Seminal Vesicle
Thyroid Gland

Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Preputial Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Adrenal Gland

Bone Marrow
Heart
Kidney

Medulla
Medulla

Papilla, Transit Epithe

Hyperplasia
Pheochromocytoma Benign
Hyperplasia
Cardiomyopathy
Hyperplasia
Nephropathy

Focal, Mild

Mild
Moderate
Minimal
Chronic, Moderate

Note: NEPHROPATHY TGLs = 7-5
Liver

Angiectasis
Degeneration
Eosinophilic Focus
Granuloma
Mixed Cell Focus
Proliferation

Multifocal, Mild
Cystic, Multifocal, Mild
Multiple
Multiple, Mild

Moderate

Biliar Tract

Mandibular
Mesenteric
Mesenteric

[Mixed Cell Focus TGLS = 8-16]
Lymph Node

Ectasia
Hyperplasia
Pigmentation

Mild
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild

Note: ECTASIA TGLs = 4-14
Mammary Gland

Duct
Duct
Acinus
Pars Distalis

Cyst
Inflammation
Atrophy
Adenoma

Mild
Subacute, Mild
Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 107

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3566

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Angiectasis	Moderate
	[Adenoma TGLS = 9-1]		
	[Angiectasis TGLS = 9-1]		
Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 3-13]		
Spleen		Fibrosis	Focal, Moderate
	[Fibrosis TGLS = 6-15]		
Testes	Interstit Cell	Adenoma	Multiple
	[Adenoma TGLS = 5-6]		
Zymbal's Gland		Carcinoma	
		Inflammation	Suppurative, Acute, Moderate
	[Carcinoma TGLS = 10-17]		
	[Inflammation TGLS = 10-17]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 108

TRT#: 3

SEX: Male

DAY ON TEST: 718

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Preputial Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Capsule, Cortex Cortex Medulla	Carcinoma Hyperplasia Pheochromocytoma Benign	Metastatic (Kidney), Multiple (Kidney), Two (Kidney) Focal, Mild
Bone		Fibrous Osteodystrophy	Minimal
Eye	Retina	Cataract Degeneration	Moderate Moderate
	[Cataract TGLS = 3-14] [Degeneration TGLS = 3-14]		
Heart		Carcinoma Cardiomyopathy	Metastatic (Kidney) Mild
Kidney	Renal Tubule Papilla, Transit Epithe	Carcinoma Hydronephrosis Hyperplasia Nephropathy	Mild Minimal Chronic, Marked
	[Carcinoma TGLS = 8-5+15] [Hydronephrosis TGLS = 9-15]		
Liver	Biliar Tract	Carcinoma Proliferation	Metastatic (Kidney), Multiple (Kidney), Two (Kidney) Moderate
Lung		Carcinoma	Metastatic (Kidney), > Five (Kidney), Multiple (Kidney)
	[Carcinoma TGLS = 10-3]		
Lymph Node	Mediastinal Mandibular Mesenteric	Carcinoma Ectasia Hyperplasia	Metastatic (Kidney), Multiple (Kidney), Two (Kidney) Minimal Macrophage, Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 108

TRT#: 3

SEX: Male

DAY ON TEST: 718

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3567

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Mesenteric	Pigmentation Carcinoma	Cholesterol, Multifocal, Mild Metastatic (Kidney), > Five (Kidney), Multiple (Kidney)
[Carcinoma TGLS = 6-13]			
Nose		Foreign Body Fungus	Mild Moderate
	Nasolacrim Dct	Inflammation Inflammation	Subacute, Mild Suppurative, Acute, Marked
Pancreas		Carcinoma	Metastatic (Kidney), Multiple (Kidney), Two (Kidney)
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Carcinoma	Metastatic (Kidney)
Seminal Vesicle		Carcinoma	Metastatic (Kidney)
Spleen		Carcinoma	Metastatic (Kidney), Multiple (Kidney), Two (Kidney)
[Carcinoma TGLS = 11-2]			
Testes	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Multifocal, Mild
[Adenoma TGLS = 5-6]			
Thyroid Gland	Follicular Cel	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 658

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Multifocal, Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-5]			
Liver		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Hepatodiaphragmatic Nodule	Mild
		Mixed Cell Focus	Multiple
	Biliar Tract	Proliferation	Moderate
Note: EOSINOPHILIC FOCI, UNUSUAL CYSTIC DEGEN ON SLIDE #14.1			
[Hepatodiaphragmatic Nodule TGLS = 5-13]			
[Mixed Cell Focus TGLS = 6-14.1]			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Mammary Gland	Duct	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 658

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3568

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Prostate		Inflammation	Subacute, Mild
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 110

TRT#: 3

SEX: Male

DAY ON TEST: 678

DOSE: 2.5%

DISP: Dead

HISTO: A85-3569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Bone		Fibrous Osteodystrophy	Mild
Heart		Cardiomyopathy	Mild
		Mineralization	Multifocal, Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 6-5]			
Liver		Angiectasis	Multifocal, Minimal
		Degeneration	Cystic, Multifocal, Minimal
		Eosinophilic Focus	Multiple
	Biliar Tract	Proliferation	Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 7-3]			
Stomach	Glandular	Mineralization	Minimal
Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Mild
[Adenoma TGLS = 4-6]			
[Atrophy TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 695

DOSE: 1.25%

DISP: Dead

HISTO: A85-3580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Mammary Gland

Nose

Parathyroid Gland

Preputial Gland

Salivary Glands

Seminal Vesicle

Spleen

Stomach - Glandular

Thymus

Thyroid Gland

Trachea

Urinary Bladder

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Malignant

Note: PHEOCHROM MAL TGLs = 6-15

Heart

Cardiomyopathy

Mild

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Note: NEPHROPATHY TGLs = 7-5

Nephropathy

Chronic, Moderate

Liver

Angiectasis

Focal, Minimal

Degeneration

Cystic, Multifocal, Mild

Necrosis

Multifocal, Mild

Proliferation

Mild

Lymph Node

Biliar Tract

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreatic

Squamous Cell Carcinoma

Metastatic (Stomach)

Note: GOOD EXAMPLE OF METASTATIS SQUAMOUS CELL CARCINOMA

[Squamous Cell Carcinoma TGLS = 5-14]

Pancreas

Acinus

Atrophy

Multifocal, Mild

Basophilic Focus

Duct

Cyst

Minimal

Note: ATROPHY MOST OBVIOUS ON SLIDE 14.

Pituitary Gland

Pars Distalis

Hyperplasia

Focal, Minimal

Prostate

Inflammation

Subacute, Mild

Skin

Subcut Tiss

Fibroma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 695

DOSE: 1.25%

DISP: Dead

HISTO: A85-3580

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroma TGLS = 3-13]

Stomach

Forestomach

Squamous Cell Carcinoma

Note: SQUAM CEL CARC TGLs = 8-16

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Spleen

OBSERVATIONS

Adrenal Gland

Capsule, Cortex

Accessory Adrenal Cortical Nodule

Minimal

Cortex

Degeneration

Fatty, Focal, Minimal

Medulla

Pheochromocytoma Benign

Multiple

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

[Nephropathy TGLS = 2-5]

Liver

Angiectasis

Multifocal, Minimal

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Multiple

Granuloma

Multiple, Minimal

Hepatocellular Carcinoma

Biliar Tract

Proliferation

Mild

Note: DEGEN TGLs = 3-2+13

Note: CHOLESTEROL IN GRANULOMA ON SLIDE 13 NEXT TO EOSIN FOCI

Lymph Node

Mandibular

Ectasia

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Pancreas

Basophilic Focus

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 576

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Intestine Large - Cecum
Intestine Small - Ileum
Preputial Gland
Skin
Thymus

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Prostate
Spleen
Thyroid Gland

Epididymis
Intestine Large - Rectum
Pancreas
Salivary Glands
Stomach - Forestomach
Trachea

Esophagus
Intestine Small - Duodenum
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Adrenal Gland
Bone
Note: HYPERTROPHY TGLs = 8-15
Brain

Cortex
Cranium

Antr Chamber
Conjunctiva
Cornea

Degeneration
Hypertrophy

Carcinoma
Hemorrhage

Inflammation
Inflammation
Inflammation

Fatty, Multifocal, Minimal
Focal, Moderate

Metastatic (Zymbal'S Gland), > Five (Zymbal'S Gland), Multiple (Zymbal'S Gland)
Multifocal, Moderate

Suppurative, Acute, Moderate
Suppurative, Acute, Moderate
Suppurative, Acute, Mild

Note: CARCINOMA TGLs = 6-1,7-1
Eye

Note: INFLAMMATION TGLs = 1-13
[Inflammation TGLS = 1-13]
[Inflammation TGLS = 1-13]

Heart
Islets, Pancreatic
Kidney
Liver

Biliar Tract

Cardiomyopathy
Adenoma
Nephropathy
Granuloma
Proliferation
Carcinoma

Minimal

Chronic, Mild
Multiple, Minimal
Mild
Metastatic (Zymbal'S Gland), > Five (Zymbal'S Gland), Multiple (Zymbal'S Gland)

Note: CARCINOMA TGLs = 3-3,9-3
Lymph Node

Mandibular
Mandibular
Mesenteric

Carcinoma
Ectasia
Hyperplasia

Metastatic (Zymbal'S Gland)
Moderate
Macrophage, Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 576

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3582

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland	Mesenteric Duct	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Cyst	Minimal
	Nasolacrim Dct	Foreign Body	Minimal
Pituitary Gland	Pars Distalis	Inflammation	Suppurative, Acute, Moderate
	Pars Intermed	Carcinoma	Metastatic (Zymbal'S Gland)
	Pars Nervosa	Carcinoma	Metastatic (Zymbal'S Gland)
	Pars Distalis	Carcinoma	Metastatic (Zymbal'S Gland)
		Cyst	
Note: CYST	TGLs = 5-1		
Testes	Interstit Cell	Hyperplasia	Multifocal, Mild
Zymbal's Gland		Carcinoma	
Note: LESION RESEMBLES CARCINO SARCOMA BUT TERM NOT AVAILABLE			
Note: ON TDMS.			
Note: CARCINOMA	TGLs = 4-14		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 540

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Spleen
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Brain		Glioma Malignant	
		Hemorrhage	Multifocal, Mild
[Glioma Malignant TGLS = 5-1]			
[Hemorrhage TGLS = 4-1]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Moderate
	Biliar Tract	Proliferation	Moderate
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland	Duct	Cyst	Minimal
Nose		Inflammation	Suppurative, Acute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Preputial Gland		Inflammation	Subacute, Mild
Prostate		Inflammation	Subacute, Mild
Skin	Subcut Tiss	Inflammation	Subacute, Focal, Mild
Note: INFLAMMATION ON SLIDE #10 WITH NASAL SECTION			
Stomach	Forestomach	Edema	Moderate
	Glandular	Edema	Moderate
	Forestomach	Inflammation	Subacute, Mild
	Glandular	Inflammation	Subacute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 124	TRT#: 5 DOSE: 1.25%	SEX: Male DISP: Moribund	DAY ON TEST: 540 HISTO: A85-3583
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ORGAN AND ACCOUNTABLE SITE STATUS			
Testes [Adenoma TGLS = 3-6]	Forestomach Interstit Cell	Ulcer Adenoma	Multiple, Moderate Multiple
Thyroid Gland	C Cell	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung Spleen

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Hyperplasia	Multifocal, Minimal
	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
	Cornea	Inflammation	Subacute, Mild
[Cataract TGLS = 1-16]			
[Degeneration TGLS = 1-16]			
[Inflammation TGLS = 1-16]			
Islets, Pancreatic		Adenoma	Multiple
Note: ADENOMA TGLs = 11-4			
Kidney	Cortex	Cyst	Mild
	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 7-5]			
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	
		Granuloma	Multiple, Minimal
		Hepatodiaphragmatic Nodule	Moderate
		Mixed Cell Focus	
	Biliar Tract	Proliferation	Moderate
[Hepatodiaphragmatic Nodule TGLS = 8-14]			
[Mixed Cell Focus TGLS = 10-15]			
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3584

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 5-7+7-1]

Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Mild

[Adenoma TGLS = 9-1]

[Angiectasis TGLS = 9-1]

[Cyst TGLS = 9-1]

Skin		Hyperplasia	Focal, Mild
Note: [HYPERPLASIA] TGLs = 4-13			

Testes	Interstit Cell	Adenoma	Multiple
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[Adenoma TGLS = 6-6+6-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Lung	Skin	Spleen
OBSERVATIONS			
Adrenal Gland	Cortex	Adenoma	
	Cortex	Degeneration	Fatty, Multifocal, Moderate
	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 8-8			
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-5]			
Liver		Degeneration	Cystic, Multifocal, Minimal
		Eosinophilic Focus	
		Mixed Cell Focus	Multiple
	Biliar Tract	Proliferation	Mild
Note: MIXED CL FOCUS TGLs = 6-2			
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Testes	Interstit Cell	Adenoma	Multiple
		Atrophy	Mild
[Adenoma TGLS = 4-6,7-6]			
[Atrophy TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Skin

Lung
Spleen

Lymph Node - Mandibular

Pancreas

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Minimal

Cortex

Hyperplasia

Focal, Minimal

Medulla

Hyperplasia

Focal, Mild

Medulla

Pheochromocytoma Benign

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

Liver

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Granuloma

Multiple, Minimal

Mixed Cell Focus

Proliferation

Moderate

Biliar Tract

Note: MIXED CL FOCUS TGLs = 4-2

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Necrosis

Focal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Testes

Interstit Cell

Adenoma

Multiple

Atrophy

Mild

Note: ADENOMA TGLs = 3-6

Note: ATROPHY TGLs = 2-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 598

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Epididymis	Esophagus	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	Multiple
Blood		Leukocytosis	Mild
Note: LEUKOCYTOSIS TGLs = 1-61			
Bone		Osteosarcoma	
Note: OSTEOSARC TGLs = 4-13			
Note: TGL 4 IS DIFFICULT NEOPLASM BECAUSE OF AUTOLYSIS			
Bone Marrow		Hyperplasia	Mild
Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Cardiomyopathy	Mild
Intestine Large	Cecum	Parasite Metazoan	Mild
	Colon	Polyp Adenomatous	
Note: POLYP ADENOMAT TGLs = 7-14			
Kidney		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY TGLs = 6-5			
Liver		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	
	Centrilobular	Necrosis	Mild
	Biliar Tract	Proliferation	Moderate
Lung		Alveolar/Bronchiolar Carcinoma	
		Osteosarcoma	Metastatic (Bone), > Five (Bone), Multiple (Bone)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 598

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3587

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ALV BRON CARC TGLs = 8-15+2+3.1

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Note: MEDIASTINAL IS MISSING

Nose

Fungus

Moderate

Inflammation

Suppurative, Acute, Moderate

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 5-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Pancreas

Skin

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Mild

Medulla

Hyperplasia

Multifocal, Minimal

Note: FOCAL CORTICAL HYPERPLASIA ON SLIDE 8-1

Kidney

Cortex

Cyst

Mild

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

Note: NEPHROPATHY TGLs = 5-5

Liver

Angiectasis

Multifocal, Mild

Degeneration

Cystic, Multifocal, Moderate

Eosinophilic Focus

Granuloma

Multiple, Minimal

Proliferation

Moderate

Lymph Node

Biliar Tract

Ectasia

Minimal

Mandibular

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Mesenteric

Duct

Cyst

Preputial Gland

Note: CYST TGLs = 7-8

Spleen

Hemangiosarcoma

Note: HEMANGIOSARC TGLs = 6-2

Testes

Interstit Cell

Adenoma

Mild

Interstit Cell

Atrophy

Hyperplasia

Multifocal, Mild

[Atrophy TGLS = 3-6]

[Hyperplasia TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Lung	Lymph Node - Mandibular	Spleen
OBSERVATIONS			
Adrenal Gland	Capsule, Cortex Medulla	Accessory Adrenal Cortical Nodule Pheochromocytoma Benign	Mild
Kidney	Cortex Papilla, Transit Epithe Renal Tubule	Cyst Hyperplasia Hyperplasia Nephropathy	Mild Minimal Minimal Chronic, Marked
[Nephropathy TGLS = 2-5]			
Liver		Degeneration Granuloma Mixed Cell Focus Proliferation	Cystic, Focal, Minimal Multiple, Mild Multiple Mild
Biliar Tract			
Note: GRANULOMAS PREDOMINATE IN MIXED CELL FOCUS [Mixed Cell Focus TGLS = 5-2]			
Lymph Node	Mediastinal Mesenteric Mesenteric Mesenteric	Ectasia Ectasia Hyperplasia Pigmentation	Mild Mild Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
Note: ECTASIA TGLs = 7-3 [Ectasia TGLS = 4-4]			
Pancreas	Acinus Acinus	Atrophy Hyperplasia Hyperplasia	Multifocal, Minimal Focal, Mild Mild
Parathyroid Gland			
Note: HYPERPLASIA TGLs = 6-3.1			
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1-6]			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 710

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain		Compression	Mild
Note: COMPRESSION	TGLs = 7-1		
Heart		Cardiomyopathy	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Moderate
Liver		Mixed Cell Focus	
	Biliar Tract	Proliferation	Mild
Note: MIXED CL FOCUS	TGLs = 5-14		
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Moderate
	Mesenteric	Necrosis	Focal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Moderate
Mammary Gland	Duct	Cyst	Mild
Mesentery	Fat	Necrosis	Focal, Moderate
Note: NECROSIS	TGLs = 4-13		
Nose	Nasolacrim Dct	Inflammation	Suppurative, Acute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 710

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3590

ORGAN AND ACCOUNTABLE SITE STATUS

Pars Distalis

Hemorrhage

Moderate

Pars Distalis

Pigmentation

Hemosiderin, Mild

Note: ADENOMA TGLs = 6-1

[Adenoma TGLS = 6-1]

[Angiectasis TGLS = 6-1]

[Cyst TGLS = 6-1]

[Pigmentation TGLS = 6-1]

Prostate

Inflammation

Subacute, Mild

Testes

Interstitial Cell

Adenoma

Note: ADENOMA TGLs = 3-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Spleen

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Minimal

Cortex

Hyperplasia

Multifocal, Mild

Medulla

Pheochromocytoma Benign

Multiple

Eye

Cataract

Mild

Retina

Degeneration

Mild

Note: DEGEN TGLs = 1-14

Note: CATARACT TGLs = 1-14

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

Liver

Granuloma

Multiple, Minimal

Biliar Tract

Proliferation

Mild

Lymph Node

Mediastinal

Ectasia

Mild

Pancreas

Acinus

Atrophy

Multifocal, Moderate

Skin

Basal Cell Adenoma

Note: [BASAL CEL ADEN] TGLs = 2-13

Testes

Interstitial Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 5-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Islets, Pancreatic

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland

Medulla

Hyperplasia

Focal, Minimal

Eye

Retina

Cataract

Mild

Retina

Degeneration

Moderate

[Cataract TGLS = 1-15]

[Degeneration TGLS = 1-15]

Kidney

Cortex

Cyst

Mild

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

[Nephropathy TGLS = 8-5]

Liver

Biliar Tract

Granuloma

Multiple, Minimal

Biliar Tract

Proliferation

Mild

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Moderate

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Hemangiosarcoma

Mesentery

Note: [HEMANGIOSARC] TGLs = 7-14

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Skin

Hyperplasia

Focal, Mild

Note: HYPERPLASIA OF BASAL CELLS.

Note: [HYPERPLASIA] TGLs = 4-13

Spleen

Fibrosis

Multifocal, Mild

Note: FIBROSIS TGLs = 9-2

Testes

Interstit Cell

Adenoma

Multiple

Atrophy

Mild

[Adenoma TGLS = 6-6]

[Atrophy TGLS = 5-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 687

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Pituitary Gland	Preputial Gland	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex Medulla Medulla	Degeneration Pheochromocytoma Benign Pheochromocytoma Malignant	Fatty, Focal, Minimal
	[Pheochromocytoma Malignant TGLS = 9-16]		
Heart		Cardiomyopathy	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia Nephropathy	Minimal Chronic, Marked
Note: NEPHROPATHY	TGLs = 10-5		
Liver		Eosinophilic Focus Mixed Cell Focus Proliferation	Mild
Note: MIXED CL FOCUS	TGLs = 11-17		
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation Necrosis	Macrophage, Multifocal, Mild Cholesterol, Multifocal, Mild Focal, Moderate
Mesentery	Fat		
	[Necrosis TGLS = 6-14]		
Nose		Foreign Body Fungus Inflammation	Mild Moderate Suppurative, Acute, Mild
Pancreas	Acinus	Atrophy	Focal, Minimal
Prostate		Inflammation	Subacute, Mild
Salivary Glands	Acinus	Hyperplasia	Multifocal, Moderate
	[Hyperplasia TGLS = 7-7+7-1]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 134	TRT#: 5 DOSE: 1.25%	SEX: Male DISP: Moribund	DAY ON TEST: 687 HISTO: A85-3593
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ORGAN AND ACCOUNTABLE SITE STATUS

Skin [Fibroma TGLS = 3-13]	Subcut Tiss	Fibroma	
Spleen [Fibrosis TGLS = 8-15]		Fibrosis	Focal, Moderate
Testes [Adenoma TGLS = 5-6] [Atrophy TGLS = 4-6]	Interstit Cell	Adenoma Atrophy	Multiple Mild
Thyroid Gland Note: CARCINOMA TGLs = 12-3.1	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 718

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Bone Marrow

Brain

Epididymis

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Nose

Preputial Gland

Salivary Glands

Seminal Vesicle

Skin

Spleen

Thymus

Thyroid Gland

Trachea

Urinary Bladder

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Medulla

Pheochromocytoma Malignant

[Pheochromocytoma Malignant TGLS = 7-15]

Bone

Fibrous Osteodystrophy

Mild

Eye

Cataract

Moderate

Retina

Degeneration

Moderate

Antr Chamber

Hemorrhage

Moderate

[Cataract TGLS = 3-13,4-14]

[Degeneration TGLS = 3-13,4-14]

[Hemorrhage TGLS = 4-14]

Heart

Cardiomyopathy

Minimal

Kidney

Renal Tubule

Adenoma

Cortex

Cyst

Multiple, Mild

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

Note: CYST TGLs = 9-16

[Nephropathy TGLS = 8-5]

Liver

Angiectasis

Multifocal, Mild

Degeneration

Cystic, Multifocal, Moderate

Eosinophilic Focus

Multiple

Biliar Tract

Proliferation

Mild

Lymph Node

Mesenteric

Ectasia

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 718

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3594

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland	Mesenteric Duct	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Cyst	Mild
Parathyroid Gland		Atrophy	Multifocal, Moderate
Note: HYPERPLASIA TGLs = 11-3		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Prostate		Inflammation	Subacute, Mild
Stomach	Forestomach	Edema	Mild
	Glandular	Edema	Mild
	Forestomach	Erosion	Mild
	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
	Glandular	Inflammation	Subacute, Minimal
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 6-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Lung	Mammary Gland	Skin
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	Multiple
Eye	Retina	Cataract	Moderate
		Degeneration	Moderate
[Cataract TGLS = 2-13.1]			
[Degeneration TGLS = 2-13.1]			
Kidney	Cortex	Cyst	Mild
	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
[Cyst TGLS = 5-5]			
Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Inflammation	Subacute, Moderate
		Pigmentation	Hemosiderin, Mild
	Biliar Tract	Proliferation	Mild
Note: PIGMENT TGLs = 6-14			
Note: INFLAMMATION TGLs = 6-14			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Spleen		Fibrosis	Focal, Moderate
[Fibrosis TGLS = 7-2]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3595

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-6]

[Hyperplasia TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 137

TRT#: 5

DOSE: 1.25%

SEX: Male

DISP: Moribund

DAY ON TEST: 682

HISTO: A85-3596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Nose	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
	Medulla	Pheochromocytoma Benign	Multiple
Bone Marrow		Hyperplasia	Mild
Eye	Retina	Cataract	Mild
		Degeneration	Moderate
			[Cataract TGLS = 1-13,2-14]
			[Degeneration TGLS = 1-13,2-14]
Heart		Cardiomyopathy	Moderate
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
			[Nephropathy TGLS = 7-5]
Liver	Biliar Tract	Congestion	Mild
		Proliferation	Mild
Note: CONGESTION TGLs = 9-2			
Lung		Basosquamous Tumor Malignant	Metastatic (Skin), > Five (Skin), Multiple (Skin)
Note: BASOSQU TM MAL TGLs = 12-3			
Lymph Node	Axillary	Basosquamous Tumor Malignant	Metastatic (Skin)
	Mediastinal	Basosquamous Tumor Malignant	Metastatic (Skin)
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Axillary	Osteosarcoma	Metastatic (Bone)
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: BASOSQU TM MAL TGLs = 5-16			
			[Osteosarcoma TGLS = 5-16]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 682

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3596

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland	Duct	Cyst	Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal
	Acinus	Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
Note: ADENOMA TGLs = 11-1 [Adenoma TGLS = 11-1]			
Prostate		Inflammation	Subacute, Mild
Skin		Basosquamous Tumor Malignant	
	Subcut Tiss	Osteosarcoma	
Note: BASOSQU TM MAL TGLs = 4-15,6-17			
Testes	Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Accessory Adrenal Cortical Nodule	Mild
	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Hyperplasia	Multifocal, Mild
Blood Vessel	Aorta	Mineralization	Marked
Note: MINERALIZATION TGLs = 8-13			
Bone		Fibrous Osteodystrophy	Moderate
Note: GOOD EXAMPLE OF FIBROUS OSTEODYSTROPHY			
Bone Marrow		Hyperplasia	Mild
Eye	Retina	Cataract	Moderate
		Degeneration	Moderate
Note: DEGEN TGLs = 3-14			
[Cataract TGLS = 3-14]			
Heart		Cardiomyopathy	Moderate
		Mineralization	Multifocal, Mild
Kidney	Cortex	Cyst	Multiple, Mild
	Papilla, Transit Epithe	Hyperplasia	Mild
	Renal Tubule	Mineralization	Multifocal, Moderate
		Nephropathy	Chronic, Marked
[Mineralization TGLS = 5-5]			
[Nephropathy TGLS = 5-5]			
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 138	TRT#: 5 DOSE: 1.25%	SEX: Male DISP: Moribund	DAY ON TEST: 722 HISTO: A85-3597
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ORGAN AND ACCOUNTABLE SITE STATUS

		Eosinophilic Focus Necrosis Proliferation	Multiple Multifocal, Mild Moderate
Note: DEGEN TGLs = 7-2 Note: ANGIECTASIS TGLs = 7-2 Lymph Node	Biliar Tract		
	Mesenteric Pancreatic Mesenteric Pancreatic Acinus	Hyperplasia Hyperplasia Pigmentation Pigmentation Atrophy	Macrophage, Multifocal, Moderate Macrophage, Multifocal, Mild Cholesterol, Multifocal, Moderate Cholesterol, Multifocal, Mild Multifocal, Marked
Pancreas Note: MARKED ATROPHY ON SLIDE 4-1			
Parathyroid Gland Note: HYPERPLASIA TGLs = 9-3		Hyperplasia	Moderate
Stomach	Forestomach Forestomach Glandular Interstit Cell	Hyperplasia Inflammation Mineralization Adenoma	Mild Subacute, Mild Moderate Multiple
Testes [Adenoma TGLS = 4-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Skin

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland
Eye

Medulla
Retina

Pheochromocytoma Benign
Cataract
Degeneration

Multiple
Moderate
Moderate

[Cataract TGLS = 1-13]
[Degeneration TGLS = 1-13]

Kidney

Cortex
Papilla, Transit Epithe

Cyst
Hyperplasia
Nephropathy

Multiple, Mild
Minimal
Chronic, Marked

[Nephropathy TGLS = 6-5]

Liver

Biliar Tract
Mesenteric
Mesenteric

Degeneration
Granuloma
Proliferation
Hyperplasia
Pigmentation

Cystic, Multifocal, Minimal
Multiple, Minimal
Mild
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Pancreas

Acinus
Acinus

Atrophy
Hyperplasia

Multifocal, Moderate
Focal, Mild

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 576

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Hyperplasia Hemorrhage Necrosis	Fatty, Multifocal, Mild Focal, Mild Multifocal, Mild Focal, Mild
Brain		Cardiomyopathy	Mild
Heart		Hyperplasia Nephropathy	Minimal Chronic, Moderate
Kidney	Papilla, Transit Epithe		
[Nephropathy TGLS = 4-5]			
Liver		Angiectasis Degeneration Eosinophilic Focus Granuloma Proliferation	Multifocal, Minimal Cystic, Multifocal, Mild Multiple, Mild Moderate
Note: [GRANULOMA] TGLs = 5-13	Biliar Tract		
Lymph Node	Mandibular Mesenteric Mesenteric	Congestion Hyperplasia Pigmentation	Mild Macrophage, Multifocal, Mild Cholesterol, Multifocal, Minimal
Note: CONGESTION TGLs = 8-7			
Note: MEDIASTINAL IS MISSING			
Nose		Foreign Body Fungus Inflammation	Mild Mild Suppurative, Acute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 140	TRT#: 5	SEX: Male	DAY ON TEST: 576
	DOSE: 1.25%	DISP: Moribund	HISTO: A85-3599

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hemorrhage	Moderate
	Pars Distalis	Necrosis	Mild
Note: ADENOMA	TGLs = 6-1		
Note: HEMORRHAGE	TGLs = 6-1		
Note: NECROSIS	TGLs = 6-1		
Preputial Gland		Inflammation	Subacute, Mild
Prostate		Inflammation	Subacute, Mild
Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Skin

Spleen

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Minimal

Medulla

Pheochromocytoma Benign

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Moderate

Liver

Basophilic Focus

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Multiple

Granuloma

Multiple, Minimal

Mixed Cell Focus

Biliar Tract

Proliferation

Mild

Note: MIXED CL FOCUS TGLs = 4-13

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Preputial Gland

Duct

Cyst

Note: CYST TGLs = 5-8

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 529

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Brain		Compression	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Moderate
Liver		Degeneration	Cystic, Focal, Mild
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Moderate
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland	Duct	Cyst	Minimal
Nose		Foreign Body	Mild
		Fungus	Mild
		Inflammation	Suppurative, Acute, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
Note: ADENOMA	TGLs = 3-1		
Preputial Gland		Inflammation	Subacute, Mild
Prostate		Inflammation	Subacute, Moderate
Testes		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 529

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3601

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

Ultimobranchial Cyst

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Skin

Spleen

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Minimal

Medulla

Pheochromocytoma Benign

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

[Nephropathy TGLS = 4-5]

Liver

Angiectasis

Multifocal, Minimal

Basophilic Focus

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Multiple

Granuloma

Multiple, Minimal

Mixed Cell Focus

Biliar Tract

Proliferation

Mild

Note: DEGEN TGLs = 5-2

[Eosinophilic Focus TGLS = 5-2]

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Mild

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 690

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Seminal Vesicle
Thymus

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Pituitary Gland
Skin
Thyroid Gland

Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Preputial Gland
Stomach - Forestomach
Trachea

Esophagus
Intestine Small - Duodenum
Lung
Salivary Glands
Stomach - Glandular
Urinary Bladder

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal Gland
Bone
Brain
Heart
Kidney

Medulla

Papilla, Transit Epithe

Pheochromocytoma Benign
Fibrous Osteodystrophy
Astrocytoma Malignant
Cardiomyopathy
Hyperplasia
Nephropathy

Multiple
Minimal

Mild
Minimal
Chronic, Marked

[Nephropathy TGLS = 5-5]

Liver

Degeneration
Eosinophilic Focus
Granuloma

Cystic, Multifocal, Minimal

Lymph Node

Biliar Tract
Mandibular
Mesenteric
Mesenteric

Proliferation
Ectasia
Hyperplasia
Pigmentation

Multiple, Minimal
Mild
Minimal
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild

Nose

Foreign Body
Fungus
Inflammation

Mild
Mild
Suppurative, Acute, Mild

Pancreas

Acinus

Atrophy
Basophilic Focus

Multifocal, Minimal

Prostate

Inflammation

Subacute, Minimal

Spleen

Fibrosis

Focal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 690

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3603

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 4-13]

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 708

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Pituitary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Malignant	Multiple
Note: PHEOCHROM MAL TGLs = 14-8			
Blood Vessel	Abdominal	Mineralization	Mild
Note: MINERALIZATION ON SLIDE 16			
Bone		Fibrous Osteodystrophy	Mild
Heart		Cardiomyopathy	Moderate
Kidney	Papilla, Transit Epithe	Hyperplasia	Mild
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY TGLs = 7-5			
Liver		Angiectasis	Multifocal, Mild
		Basophilic Focus	Multiple
		Degeneration	Cystic, Multifocal, Moderate
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Proliferation	Mild
Note: DEGEN TGLs = 9-15+2			
Note: ANGIECTASIS TGLs = 9-15+2			
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Pancreatic	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 708

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3604

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Pigmentation	Cholesterol, Multifocal, Mild
Note: HYPERPLASIA	TGLs = 11-16		
Note: PIGMENT	TGLs = 11-16		
Note: HYPERPLASIA	TGLs = 12-4		
Note: ECTASIA	TGLs = 13-7		
Mammary Gland	Duct	Cyst Fibroadenoma Hyperplasia	Minimal Mild
[Cyst TGLS = 3-7]			
[Fibroadenoma TGLS = 4-13]			
[Hyperplasia TGLS = 3-7,4-13]			
Nose		Foreign Body Fungus Inflammation	Mild Moderate Suppurative, Acute, Moderate
Pancreas	Acinus	Atrophy Hyperplasia	Multifocal, Moderate Mild
Parathyroid Gland			
Note: HYPERPLASIA	TGLs = 10-3		
Prostate		Inflammation	Subacute, Mild
Spleen		Fibrosis	Focal, Mild
Note: FIBROSIS	TGLs = 6-14		
Stomach	Glandular	Mineralization	Mild
Testes	Interstit Cell	Adenoma Atrophy Mineralization	Multiple Mild Mild
Note: ATROPHY	TGLs = 15-6		
[Adenoma TGLS = 5-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Pancreas

Skin

OBSERVATIONS

Adrenal Gland

Cortex
Medulla

Hyperplasia
Pheochromocytoma Benign

Multifocal, Minimal

Heart

Cardiomyopathy
Fibrosis

Mild
Focal, Moderate

Note: FIBROSIS TGLs = 7-2

Note: CARDIOMYOPATHY TGLs = 7-2

Kidney

Cortex
Papilla, Transit Epithe

Cyst
Hyperplasia
Nephropathy

Multiple, Mild
Minimal
Chronic, Marked

[Hyperplasia TGLS = 4-13]

[Nephropathy TGLS = 3-5]

Liver

Angiectasis
Degeneration
Eosinophilic Focus
Granuloma
Hepatocellular Adenoma
Proliferation

Multifocal, Mild
Cystic, Multifocal, Moderate
Multiple
Multiple, Minimal
Mild

Note: HEPATOCLR ADEN TGLs = 5-14

Note: TGL 5 IS 2 MASSES

[Hepatocellular Adenoma TGLS = 6-14+2]

Lymph Node

Mandibular
Mesenteric
Mesenteric

Ectasia
Hyperplasia
Pigmentation

Mild
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Testes

Interstitial Cell

Adenoma

Multiple

[Adenoma TGLS = 2-6,9-6]

Thyroid Gland

Follicular Cel

Adenoma

Cystic, Papillary

Note: ADENOMA TGLs = 8-3

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3605

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Skin

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland
Note: PHEOCHROM BGN TGLs = 4-8

Medulla

Pheochromocytoma Benign

Multiple

Kidney

Papilla, Transit Epithe

Hyperplasia
Nephropathy

Minimal
Chronic, Moderate

Liver

Basophilic Focus
Granuloma

Multiple, Minimal

Lymph Node

Biliar Tract

Proliferation

Mild

Pancreas

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Testes

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Note: ADENOMA TGLs = 3-6

Acinus

Atrophy

Multifocal, Mild

Interstit Cell

Adenoma

Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lymph Node - Mandibular

Pancreas

Spleen

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Multifocal, Mild

Medulla

Pheochromocytoma Benign

Heart

Atrium

Thrombosis

Moderate

Note: THROMBUS TGLs = 11-2

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Moderate

[Nephropathy TGLS = 4-5]

Liver

Angiectasis

Multifocal, Minimal

Basophilic Focus

Cyst

Moderate

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Granuloma

Multiple, Minimal

Hepatodiaphragmatic Nodule

Moderate

Mixed Cell Focus

Necrosis

Multifocal, Minimal

Biliar Tract

Proliferation

Mild

Note: ANOM HEPAT LOB TGLs = 8-16

[Degeneration TGLS = 6-14]

[Hepatodiaphragmatic Nodule TGLS = 6-14]

[Mixed Cell Focus TGLS = 7-15]

Lung

Alveolar Epith

Hyperplasia

Focal, Mild

Lymph Node

Mediastinal

Congestion

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Note: CONGESTION TGLs = 9-17

Skin

Keratoacanthoma

[Keratoacanthoma TGLS = 2-13]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3607

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 3-6,10-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 149

TRT#: 5

DOSE: 1.25%

SEX: Male

DISP: Dead

DAY ON TEST: 641

HISTO: A85-3608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Esophagus

Intestine Small - Duodenum

Lung

Pituitary Gland

Spleen

Urinary Bladder

Bone Marrow

Intestine Large - Cecum

Intestine Small - Ileum

Lymph Node - Mandibular

Preputial Gland

Stomach - Forestomach

Brain

Intestine Large - Colon

Intestine Small - Jejunum

Mammary Gland

Salivary Glands

Thyroid Gland

Epididymis

Intestine Large - Rectum

Islets, Pancreatic

Nose

Seminal Vesicle

Trachea

MISSING

Thymus

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Medulla

Pheochromocytoma Malignant

Note: PHEOCHROM MAL TGLs = 4-13

Blood Vessel

Aorta

Mineralization

Mild

Note: AORTA ON SLIDE 15

Bone

Fibrous Osteodystrophy

Mild

Heart

Cardiomyopathy

Moderate

Mineralization

Multifocal, Mild

Thrombosis

Moderate

Note: THROMBUS TGLs = 7-15,9-15

Kidney

Atrium

Cyst

Multiple, Mild

Cortex

Hyperplasia

Minimal

Papilla, Transit Epithe

Mineralization

Multifocal, Mild

Renal Tubule

Nephropathy

Chronic, Marked

Note: NEPHROPATHY TGLs = 5-5

[Nephropathy TGLS = 5-5]

Liver

Degeneration

Cystic, Multifocal, Mild

Centrilobular

Necrosis

Minimal

Biliar Tract

Proliferation

Mild

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 149

TRT#: 5
DOSE: 1.25%

SEX: Male
DISP: Dead

DAY ON TEST: 641
HISTO: A85-3608

ORGAN AND ACCOUNTABLE SITE STATUS

Note: MEDIASTINAL IS MISSING	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Parathyroid Gland		Hyperplasia	Mild
Prostate		Inflammation	Subacute, Mild
Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 8-14]			
Stomach	Glandular	Mineralization	Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Multifocal, Mild
[Adenoma TGLS = 3-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Islets, Pancreatic

Skin

Spleen

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Note: [PHEOCHROM BGN] TGLs = 3-8

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

Renal Tubule

Oncocytoma Benign

[Nephropathy TGLS = 4-5]

Liver

Angiectasis

Multifocal, Mild

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Multiple

Granuloma

Multiple, Minimal

Hepatodiaphragmatic Nodule

Multiple, Two, Mild

Mixed Cell Focus

Biliar Tract

Proliferation

Mild

Note: DEGEN TGLs = 7-2+14

Note: ANOM HEPAT LOB TGLs = 5-13,6-14

[Hepatodiaphragmatic Nodule TGLS = 7-2+14]

Lung

Alveolar Epith

Hyperplasia

Focal, Moderate

Note: HYPERPLASIA TGLs = 9-3

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Note: MEDIASTINAL IS MISSING

Pancreas

Acinus

Atrophy

Multifocal, Mild

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 151

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Skin

Adrenal Gland - Medulla
Spleen

Islets, Pancreatic

Lung

OBSERVATIONS

Kidney
[Nephropathy TGLS = 4-5]

Nephropathy

Chronic, Moderate

Liver
[Hepatodiaphragmatic Nodule TGLS = 5-13]

Basophilic Focus
Degeneration
Eosinophilic Focus
Granuloma
Hepatodiaphragmatic Nodule
Proliferation

Cystic, Focal, Mild
Multiple, Minimal
Mild
Mild

Lymph Node
Pancreas
Testes
[Adenoma TGLS = 3-6]

Biliar Tract
Mandibular
Mesenteric
Mesenteric
Acinus
Interstit Cell

Ectasia
Hyperplasia
Pigmentation
Atrophy
Adenoma

Minimal
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal
Multifocal, Marked
Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 152

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

OBSERVATIONS

Adrenal Gland

Cortex

Leukemia Mononuclear

Medulla

Leukemia Mononuclear

Medulla

Pheochromocytoma Benign

Multiple

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Leukemia Mononuclear

Nephropathy

Chronic, Moderate

Liver

Angiectasis

Multifocal, Mild

Degeneration

Cystic, Multifocal, Mild

Leukemia Mononuclear

Biliar Tract

Proliferation

Mild

Regeneration

Minimal

Note: LEUKEMIA MONUC TGLs = 5-14

Lung

Leukemia Mononuclear

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mandibular

Leukemia Mononuclear

Mediastinal

Leukemia Mononuclear

Mesenteric

Leukemia Mononuclear

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

[Leukemia Mononuclear TGLs = 6-3]

Pancreas

Acinus

Atrophy

Multifocal, Mild

Basophilic Focus

Preputial Gland

Adenoma

Note: ADENOMA TGLs = 3-13

Skin

Squamous Cell Papilloma

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 4-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 153

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland

Capsule, Cortex

Accessory Adrenal Cortical Nodule

Cortex

Degeneration

Fatty, Focal, Mild

Medulla

Hyperplasia

Multifocal, Mild

Cortex

Inflammation

Granulomatous, Multifocal, Mild

Medulla

Pheochromocytoma Benign

Cortex

Pigmentation

Cholesterol, Multifocal, Minimal

Epididymis

Mesothelioma Malignant

Note: MESOTHELIO MAL TGLs = 6-6

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

Liver

Basophilic Focus

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Multiple

Granuloma

Multiple, Minimal

Hepatodiaphragmatic Nodule

Mild

Mixed Cell Focus

Multiple

Proliferation

Moderate

Biliar Tract

Note: ANOM HEPAT LOB TGLs = 4-14

Lymph Node

Mediastinal

Congestion

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Moderate

Mesenteric

Necrosis

Multifocal, Minimal

Mediastinal

Pigmentation

Hemosiderin, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Moderate

Note: NECROSIS IS IN MACROPHAGE AGGREGATES

Note: PIGMENT TGLs = 5-4

Note: HYPERPLASIA TGLs = 5-4

Note: NECROSIS TGLs = 5-4

Mesentery

Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 153	TRT#: 5 DOSE: 1.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A85-3612
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: MESOTHELIO MAL TGLs = 2-13			
Pancreas	Acinus	Atrophy	Multifocal, Minimal
		Mesothelioma Malignant	
Spleen	Capsule	Mesothelioma Malignant	
Testes	Interstit Cell	Adenoma	Multiple
		Mesothelioma Malignant	

Note: ADENOMA TGLs = 3-6
PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 154

TRT#: 5

SEX: Male

DAY ON TEST: 707

DOSE: 1.25%

DISP: Dead

HISTO: A85-3613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Heart		Cardiomyopathy	Moderate
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver		Angiectasis	Focal, Mild
		Basophilic Focus	
		Degeneration	Cystic, Focal, Mild
		Eosinophilic Focus	Multiple
Note: ANGIECTASIS TGLs = 6-2	Biliar Tract	Proliferation	Mild
[Angiectasis TGLs = 6-2]			
Lung		Congestion	Mild
Note: CONGESTION TGLs = 5-3			
Lymph Node	Mediastinal	Congestion	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 154

TRT#: 5

SEX: Male

DAY ON TEST: 707

DOSE: 1.25%

DISP: Dead

HISTO: A85-3613

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Focal, Minimal
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 155

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Spleen

Islets, Pancreatic

Lung

Skin

OBSERVATIONS

Adrenal Gland

Medulla
Medulla

Pheochromocytoma Benign
Pheochromocytoma Malignant

[Pheochromocytoma Malignant TGLS = 4-8]

Heart

Atrium

Thrombosis

Moderate

Note: THROMBUS TGLs = 10-2

Kidney

Cortex
Papilla, Transit Epithe

Cyst
Hyperplasia
Nephropathy

Multiple, Minimal
Mild
Chronic, Marked

[Nephropathy TGLS = 5-5]

Liver

Angiectasis
Degeneration
Eosinophilic Focus
Mixed Cell Focus
Proliferation

Focal, Mild
Cystic, Multifocal, Mild

Note: ANGIECTASIS TGLs = 7-2

Note: DEGEN TGLs = 7-2

Biliar Tract

Mild

Lymph Node

Axillary
Renal
Axillary
Mandibular
Mediastinal
Mesenteric
Renal
Mesenteric
Renal

Congestion
Congestion
Ectasia
Ectasia
Ectasia
Hyperplasia
Hyperplasia
Pigmentation
Pigmentation

Mild
Mild
Mild
Minimal
Mild
Macrophage, Multifocal, Minimal
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Minimal
Cholesterol, Multifocal, Mild

Note: CONGESTION TGLs = 6-14

[Congestion TGLS = 2-13]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 155	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 1.25%	DISP: Terminal Sacrifice	HISTO: A85-3614

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 2-13]			
[Hyperplasia TGLS = 8-3]			
Pancreas	Acinus	Atrophy	Multifocal, Mild
Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 3-6]			
[Atrophy TGLS = 9-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 156

TRT#: 5

SEX: Male

DAY ON TEST: 578

DOSE: 1.25%

DISP: Dead

HISTO: A85-3615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Eye		Cataract	Mild
	Retina	Degeneration	Mild
Note: DEGEN TGLs = 1-13 [Cataract TGLS = 1-13]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Degeneration	Cystic, Focal, Mild
		Eosinophilic Focus	Multiple
	Biliar Tract	Proliferation	Mild
[Degeneration TGLS = 5-2] [Eosinophilic Focus TGLS = 5-2]			
Lymph Node	Mediastinal	Congestion	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: CONGESTION TGLs = 6-3			
Pancreas	Acinus	Atrophy	Multifocal, Mild
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 4-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 157

TRT#: 5

SEX: Male

DAY ON TEST: 575

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Seminal Vesicle
Thymus

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Skin
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Preputial Gland
Stomach - Forestomach
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Adrenal Gland
Kidney

Cortex
Papilla, Transit Epithe

Degeneration
Hyperplasia
Nephropathy

Fatty, Focal, Minimal
Minimal
Chronic, Moderate

Liver

Biliar Tract

Granuloma

Minimal

Lymph Node

Mediastinal

Proliferation

Mild

Mesenteric

Congestion

Moderate

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Pigmentation

Cholesterol, Multifocal, Minimal

Note: CONGESTION TGLs = 7-15

Mammary Gland

Hyperplasia

Mild

Pancreas

Basophilic Focus

Pituitary Gland

Pars Distalis

Hyperplasia

Focal, Mild

Prostate

Inflammation

Subacute, Mild

Spleen

Fibrosis

Focal, Moderate

Note: FIBROSIS TGLs = 6-13

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 5-6,9-6

Zymbal's Gland

Carcinoma

Note: CARCINOMA TGLs = 8-14

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 158

TRT#: 5

DOSE: 1.25%

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: A85-3617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Spleen

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Mild

Cortex

Inflammation

Granulomatous, Multifocal, Mild

Medulla

Pheochromocytoma Benign

Multiple

Cortex

Pigmentation

Cholesterol, Multifocal, Minimal

Note: PHEOCHROM BGN TGLs = 6-15+8

Note: CHOLESTEROL DEPOSITS ON SLIDE 8 ASSOCIATED WITH HYPERPLASIA

Kidney

Nephropathy

Chronic, Marked

Note: NEPHROPATHY TGLs = 7-5

Liver

Angiectasis

Focal, Mild

Clear Cell Focus

Eosinophilic Focus

Multiple

Mixed Cell Focus

Multiple

Proliferation

Mild

Biliar Tract

Note: MIXED CL FOCUS TGLs = 8-2

Note: ANGIECTASIS TGLs = 8-2

[Angiectasis TGLs = 8-2]

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Pancreatic

Hyperplasia

Macrophage, Multifocal, Moderate

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreatic

Pigmentation

Cholesterol, Multifocal, Mild

Note: HYPERPLASIA TGLs = 5-14

Pancreas

Acinus

Atrophy

Multifocal, Mild

Basophilic Focus

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Angiectasis

Moderate

Pars Distalis

Necrosis

Mild

Note: ADENOMA TGLs = 9-1

Note: ANGIECTASIS TGLs = 9-1

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 158

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3617

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 9-1]

Skin

Hyperplasia

Focal, Mild

Note: [HYPERPLASIA] TGLs = 3-13

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 159

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Lung	Skin	Spleen
OBSERVATIONS			
Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	Multiple
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
	Pelvis, Transit Epithe	Hyperplasia	Marked
		Nephropathy	Chronic, Marked
Liver		Basophilic Focus	
		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	
	Biliar Tract	Proliferation	Mild
[Degeneration TGLS = 4-2]			
[Eosinophilic Focus TGLS = 4-2]			
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: ON SLIDE 3

Animal Note: ALTHOUGH NOT REQUIRED BY PROTOCOL A PARATHYROID ADENOMA IS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 160

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung	Lymph Node - Mandibular	Skin	Spleen
OBSERVATIONS			
Adrenal Gland	Capsule, Cortex Cortex Cortex Medulla	Accessory Adrenal Cortical Nodule Degeneration Hyperplasia Pheochromocytoma Benign	Mild Fatty, Multifocal, Mild Focal, Minimal Multiple
Heart Note: THROMBUS TGLs = 7-13	Atrium	Thrombosis	Moderate
Islets, Pancreatic		Adenoma	
Kidney [Nephropathy TGLS = 5-5]	Papilla, Transit Epithe	Hyperplasia Nephropathy	Minimal Chronic, Marked
Liver		Angiectasis Degeneration Eosinophilic Focus Mixed Cell Focus	Multifocal, Mild Cystic, Multifocal, Mild Multiple Multiple
Lymph Node	Biliar Tract Mesenteric Mesenteric	Proliferation Hyperplasia Pigmentation	Mild Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Testes [Adenoma TGLS = 4-6] [Atrophy TGLS = 3-6]	Interstit Cell	Adenoma Atrophy	Multiple Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 161

TRT#: 5

SEX: Male

DAY ON TEST: 682

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mammary Gland	Nose	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Note: SLIDE 16 GOOD EXAMPLE OF PHEOCHROMOCYTOMA MALIGNANT			
Note: PHEOCHROM MAL TGLs = 8-16			
Epididymis		Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 13-6			
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-13]			
[Degeneration TGLS = 1-13]			
Heart		Cardiomyopathy	Moderate
Intestine Small	Duodenum	Mesothelioma Malignant	
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 7-5]			
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	
		Fibrosis	Mild
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	
		Necrosis	Multifocal, Mild
	Biliar Tract	Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 161

TRT#: 5

SEX: Male

DAY ON TEST: 682

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3620

ORGAN AND ACCOUNTABLE SITE STATUS

Note: NECROSIS TGLs = 10-17,11-18

Note: MIXED CL FOCUS TGLs = 10-17

[Necrosis TGLs = 10-17,11-18]

Lung

Pheochromocytoma Malignant

Metastatic (Adrenal Gland), > Five (Adrenal Gland), Multiple (Adrenal Gland)

Lymph Node

Mediastinal

Amyloid Deposition

Moderate

Mediastinal

Ectasia

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Note: AMYLOID DEP TGLs = 12-3

Note: ECTASIA TGLs = 12-3

Mesentery

Mesothelioma Malignant

[Mesothelioma Malignant TGLs = 6-15]

Pancreas

Acinus

Atrophy

Multifocal, Moderate

Mesothelioma Malignant

Parathyroid Gland

Hyperplasia

Minimal

Prostate

Inflammation

Subacute, Mild

Skin

Hyperplasia

Focal, Mild

Note: [HYPERPLASIA] TGLs = 3-14

Spleen

Fibrosis

Focal, Moderate

Capsule

Mesothelioma Malignant

Note: FIBROSIS TGLs = 9-2

Testes

Interstitial Cell

Adenoma

Multiple

[Adenoma TGLs = 5-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 162

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Skin

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland
Eye

Medulla
Retina

Pheochromocytoma Benign
Cataract
Degeneration

Multiple
Marked
Marked

[Cataract TGLS = 1-13]
[Degeneration TGLS = 1-13]

Heart
Note: THROMBUS TGLs = 5-2

Atrium

Thrombosis

Marked

Kidney

Papilla, Transit Epithe

Hyperplasia
Nephropathy

Minimal
Chronic, Marked

[Nephropathy TGLS = 3-5]

Liver

Angiectasis
Degeneration
Eosinophilic Focus
Granuloma
Mixed Cell Focus
Proliferation

Multifocal, Mild
Cystic, Multifocal, Mild
Multiple
Multiple, Minimal
Mild

Note: DEGEN TGLs = 4-2

Note: CHOLESTEROL IN GRANULOMA IN MIXED CELL FOCUS

Biliar Tract

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild

Pancreas

Acinus

Atrophy

Multifocal, Marked

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 163

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Pituitary Gland

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Moderate

Medulla

Pheochromocytoma Benign

Multiple

Eye

Retina

Cataract

Marked

Degeneration

Marked

[Cataract TGLS = 1-19]

[Degeneration TGLS = 1-19]

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Moderate

[Nephropathy TGLS = 8-5]

Liver

Angiectasis

Multifocal, Mild

Basophilic Focus

Degeneration

Cystic, Multifocal, Moderate

Eosinophilic Focus

Multiple

Hepatocellular Adenoma

Hepatodiaphragmatic Nodule

Mild

Mixed Cell Focus

Multiple

Biliar Tract

Proliferation

Mild

[Basophilic Focus TGLS = 10-16]

[Eosinophilic Focus TGLS = 10-16]

[Hepatocellular Adenoma TGLS = 9-15]

[Hepatodiaphragmatic Nodule TGLS = 11-17]

[Mixed Cell Focus TGLS = 10-16]

Lymph Node

Mediastinal

Ectasia

Mild

Mesenteric

Ectasia

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

[Ectasia TGLS = 13-3]

[Ectasia TGLS = 12-18]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3622

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 12-18]

[Pigmentation TGLS = 12-18]

Pancreas

Acinus

Atrophy

Multifocal, Mild

Skin

Hyperkeratosis

Multifocal, Marked

Hyperplasia

Multifocal, Marked

Inflammation

Subacute, Multifocal, Moderate

[Hyperkeratosis TGLS = 4-13]

[Hyperplasia TGLS = 4-13]

[Inflammation TGLS = 4-13]

Spleen

Fibrosis

Focal, Moderate

Note: FIBROSIS TGLs = 6-14

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 5-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 164

TRT#: 5

SEX: Male

DAY ON TEST: 610

DOSE: 1.25%

DISP: Dead

HISTO: A85-3623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum	Lymph Node - Mandibular
Mammary Gland	Parathyroid Gland	Preputial Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Pancreas			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Brain		Hemorrhage	Multifocal, Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-1		
Note: HEMORRHAGE	TGLs = 6-1		
Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Note: MESENTERIC IS AUTOLYSIS-PRCL			
Nose		Fungus	Moderate
		Inflammation	Suppurative, Acute, Moderate
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Prostate		Inflammation	Subacute, Mild
Seminal Vesicle		Inflammation	Subacute, Mild
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 164

TRT#: 5

SEX: Male

DAY ON TEST: 610

DOSE: 1.25%

DISP: Dead

HISTO: A85-3623

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-2]

Testes

Interstit Cell

Adenoma

Multiple

Leukemia Mononuclear

[Adenoma TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 165

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Skin

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland
Eye

Medulla

Hyperplasia
Cataract

Focal, Moderate
Marked

Retina

Degeneration

Marked

Antr Chamber

Hemorrhage

Moderate

Postr Chamber

Hemorrhage

Moderate

[Cataract TGLS = 1-13,2-16]

[Degeneration TGLS = 1-13,2-16]

[Hemorrhage TGLS = 2-16]

[Hemorrhage TGLS = 2-16]

Kidney

Papilla, Transit Epithe

Hyperplasia
Nephropathy

Minimal
Chronic, Marked

Note: NEPHROPATHY TGLs = 5-5

Liver

Angiectasis
Basophilic Focus
Degeneration
Eosinophilic Focus
Granuloma
Hepatocellular Adenoma
Mixed Cell Focus

Multifocal, Mild
Cystic, Multifocal, Mild
Multiple
Multiple, Minimal

Biliar Tract

Proliferation

Mild

Note: MIXED CL FOCUS TGLs = 7-15+2

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Mesentery

Fat

Necrosis

Focal, Moderate

Note: NECROSIS TGLs = 6-14

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Testes

Interstit Cell

Adenoma

Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 165

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3624

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 166

TRT#: 5

SEX: Male

DAY ON TEST: 714

DOSE: 1.25%

DISP: Dead

HISTO: A85-3625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
-------------------------	-------------------------	---------------------------

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Pheochromocytoma Benign	Fatty, Focal, Mild Multiple
Note: [PHEOCHROM BGN] TGLs = 5-13			
Blood Vessel	Abdominal Abdominal	Hypertrophy Inflammation	Mild Subacute, Moderate
Note: HYPERTROPHY TGLs = 8-15			
Note: INFLAMMATION TGLs = 8-15			
Bone		Fibrous Osteodystrophy	Mild
Heart		Cardiomyopathy	Marked
Kidney	Papilla, Transit Epithe	Hyperplasia Nephropathy	Minimal Chronic, Marked
Liver		Angiectasis Degeneration Eosinophilic Focus Mixed Cell Focus Proliferation	Multifocal, Mild Cystic, Multifocal, Mild Multiple Moderate
Note: MIXED CL FOCUS TGLs = 7-14	Biliar Tract		
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation	Macrophage, Multifocal, Mild Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Note: ATROPHY MOST PROMINENT ON SLIDE 15			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 166

TRT#: 5

SEX: Male

DAY ON TEST: 714

DOSE: 1.25%

DISP: Dead

HISTO: A85-3625

ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gland

Hyperplasia

Mild

Note: HYPERPLASIA TGLs = 10-3

Seminal Vesicle

Hyperplasia

Focal, Mild

Testes

Interstitial Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 4-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 167

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Mammary Gland

Islets, Pancreatic
Skin

Lung
Spleen

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland

Medulla
Medulla

Hyperplasia
Pheochromocytoma Benign

Focal, Minimal

Kidney

Papilla, Transit Epithe

Hyperplasia
Nephropathy

Minimal
Chronic, Marked

Note: NEPHROPATHY TGLs = 5-5
Liver

Angiectasis
Degeneration
Eosinophilic Focus
Proliferation

Multifocal, Mild
Cystic, Multifocal, Mild

Note: DEGEN TGLs = 6-2
Lymph Node

Biliar Tract

Ectasia
Hyperplasia
Pigmentation

Mild
Mild
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Mild

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 4-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 168	TRT#: 5 DOSE: 1.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A85-3627
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Spleen	Islets, Pancreatic	Lung	Lymph Node - Mandibular
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OBSERVATIONS

Adrenal Gland [Pheochromocytoma Benign TGLS = 4-14]	Medulla	Pheochromocytoma Benign	
Kidney	Papilla, Transit Epithe	Hyperplasia Nephropathy	Minimal Chronic, Marked
Liver		Degeneration Eosinophilic Focus Mixed Cell Focus	Cystic, Multifocal, Mild Multiple
Lymph Node	Biliar Tract Mesenteric Mesenteric	Proliferation Hyperplasia Pigmentation	Mild Macrophage, Multifocal, Mild Cholesterol, Multifocal, Minimal
Pancreas Skin [Keratoacanthoma TGLS = 2-13]	Acinus	Atrophy Keratoacanthoma	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 169

TRT#: 5

SEX: Male

DAY ON TEST: 710

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Blood Vessel	Abdominal	Hypertrophy	Marked
Note: ABDOMINAL BLOOD VESSELS HAVE LESIONS ON SLIDE 4 ALSO			
Note: HYPERTROPHY TGLs = 8-14			
Bone		Fibrous Osteodystrophy	Mild
Heart		Cardiomyopathy	Moderate
Intestine Large	Artery, Cecum	Inflammation	Subacute, Moderate
	Artery, Cecum	Necrosis	Fibrinoid, Moderate
	Colon	Parasite Metazoan	Mild
Kidney	Cortex	Cyst	Moderate
	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Note: CYST TGLs = 6-5			
Note: NEPHROPATHY TGLs = 5-5			
Liver		Angiectasis	Multifocal, Mild
		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	
	Biliar Tract	Proliferation	Mild
Note: ANGIECTASIS TGLs = 7-2+13			
Note: DEGEN TGLs = 7-2+13			
Lymph Node	Mediastinal	Congestion	Mild
	Mandibular	Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 169

TRT#: 5

SEX: Male

DAY ON TEST: 710

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3628

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
		Foreign Body	Mild
		Fungus	Moderate
		Hyperkeratosis	Mild
Pancreas	Acinus	Inflammation	Suppurative, Acute, Mild
		Atrophy	Multifocal, Mild
Parathyroid Gland		Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 9-3			
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Pars Distalis	Cyst	
	Forestomach	Edema	Mild
	Forestomach	Inflammation	Subacute, Mild
Testes	Glandular	Mineralization	Mild
	Interstit Cell	Adenoma	Multiple
Note: ADENOMA TGLs = 4-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 170

TRT#: 5

SEX: Male

DAY ON TEST: 708

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Esophagus

Intestine Small - Duodenum

Lung

Pituitary Gland

Skin

Urinary Bladder

Bone Marrow

Intestine Large - Cecum

Intestine Small - Ileum

Lymph Node - Mandibular

Preputial Gland

Thymus

Brain

Intestine Large - Colon

Intestine Small - Jejunum

Mammary Gland

Salivary Glands

Thyroid Gland

Epididymis

Intestine Large - Rectum

Islets, Pancreatic

Nose

Seminal Vesicle

Trachea

OBSERVATIONS

Adrenal Gland

Medulla

Hyperplasia

Focal, Mild

Medulla

Pheochromocytoma Benign

Note: PHEOCHROM BGN TGLs = 5-13

Bone

Fibrous Osteodystrophy

Mild

Eye

Cataract

Marked

Retina

Degeneration

Marked

Note: DEGEN TGLs = 3-16

[Cataract TGLS = 3-16]

Heart

Cardiomyopathy

Mild

Kidney

Cortex

Cyst

Multiple, Mild

Papilla, Transit Epithe

Hyperplasia

Minimal

Note: NEPHROPATHY TGLs = 6-5

Liver

Angiectasis

Multifocal, Mild

Basophilic Focus

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Proliferation

Multiple

Mild

Biliar Tract

Note: DEGEN TGLs = 9-14+2

Note: ANGIECTASIS TGLs = 9-14+2

Lymph Node

Mesenteric

Ectasia

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 170

TRT#: 5

SEX: Male

DAY ON TEST: 708

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3629

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Parathyroid Gland	Acinus	Atrophy	Multifocal, Minimal
Note: HYPERPLASIA TGLs = 10-3		Hyperplasia	Mild
Prostate		Inflammation	Subacute, Mild
Spleen		Fibrosis	Focal, Minimal
		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Inflammation	Subacute, Marked
	Glandular	Mineralization	Mild
	Forestomach	Perforation	Marked
	Forestomach	Ulcer	Multiple, Marked
Note: PERFORATION TGLs = 7-15			
Note: INFLAMMATION TGLs = 7-15+4			
Note: ULCER TGLs = 7-15+4			
Testes	Interstit Cell	Adenoma	Multiple
Note: ADENOMA TGLs = 4-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Pancreas

OBSERVATIONS

Adrenal Gland

Cortex

Leukemia Mononuclear

Medulla

Leukemia Mononuclear

Medulla

Pheochromocytoma Benign

Multiple

Kidney

Leukemia Mononuclear

Nephropathy

Chronic, Moderate

Note: LEUKEMIA MONUC TGLs = 6-5

Note: NEPHROPATHY TGLs = 6-5

Liver

Angiectasis

Multifocal, Mild

Degeneration

Cystic, Multifocal, Mild

Leukemia Mononuclear

Proliferation

Moderate

Note: LEUKEMIA MONUC TGLs = 8-2

Lung

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 9-3

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mandibular

Leukemia Mononuclear

Mediastinal

Leukemia Mononuclear

Mesenteric

Leukemia Mononuclear

Pancreatic

Leukemia Mononuclear

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Note: LEUKEMIA MONUC TGLs = 5-14

Mammary Gland

Hyperplasia

Mild

Note: HYPERPLASIA TGLs = 1-7

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Angiectasis

Moderate

Note: ADENOMA TGLs = 10-1

Note: ANGIECTASIS TGLs = 10-1

Spleen

Fibrosis

Focal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 181

TRT#: 7

DOSE: 0.6%

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: A85-3640

ORGAN AND ACCOUNTABLE SITE STATUS

Leukemia Mononuclear

Note: FIBROSIS TGLs = 3-13

Note: LEUKEMIA MONUC TGLs = 4-2

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 2-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 420

DOSE: 0.6%

DISP: Dead

HISTO: A84032576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Seminal Vesicle
Thymus

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Preputial Gland
Skin
Thyroid Gland

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Prostate
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Pancreas
Salivary Glands
Stomach - Glandular
Urinary Bladder

MISSING

Esophagus
Pituitary Gland

OBSERVATIONS

Brain		Hemorrhage	Multifocal, Moderate
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland	Duct	Cyst	Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Spleen

Islets, Pancreatic

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Medulla

Pheochromocytoma Malignant

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Moderate

Note: NEPHROPATHY TGLs = 2-5

Liver

Angiectasis

Focal, Mild

Basophilic Focus

Multiple

Clear Cell Focus

Degeneration

Cystic, Focal, Mild

Eosinophilic Focus

Granuloma

Multiple, Minimal

Mixed Cell Focus

Multiple

Proliferation

Mild

Biliar Tract

Note: SLIDE 13 GOOD EXAMPLE OF MIXED CELL FOCUS AND CHOLESTEROL

Note: MIXED CL FOCUS TGLs = 4-13

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Angiectasis

Mild

Pars Distalis

Cyst

Mild

Pars Distalis

Pigmentation

Hemosiderin, Minimal

Note: CYST TGLs = 3-1

Note: ANGIECTASIS TGLs = 3-1

Note: PIGMENT TGLs = 3-1

Note: ADENOMA TGLs = 3-1

Testes

Interstit Cell

Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3642

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Atrophy
Hyperplasia

Mild
Focal, Minimal

Note: ADENOMA TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Islets, Pancreatic

Skin

Spleen

OBSERVATIONS

Adrenal Gland

Medulla

Hyperplasia

Focal, Mild

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Liver

Nephropathy

Chronic, Moderate

Basophilic Focus

Multiple

Eosinophilic Focus

Multiple

Granuloma

Multiple, Minimal

Biliar Tract

Proliferation

Mild

Lung

Chordoma

Metastatic (Uncertain Primary Site)

Note: RARE NEOPLASM

Lymph Node

Mandibular

Ectasia

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

[Ectasia TGLS = 3-7]

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Spinal Cord

Chordoma

Note: CHORDOMA TGLs = 5-41+41-1

Note: WET TISSUE SEARCH CONDUCTED FOR PRIMARY CHORDOMA

Note: MUSCLE AROUND LOST LUMBAR VERTEBRA APPEARED WHITE

Note: RARE NEOPLASM

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Islets, Pancreatic

Lung

OBSERVATIONS

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Moderate

Liver

Angiectasis

Multifocal, Mild

Basophilic Focus

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Multiple

Biliar Tract

Proliferation

Mild

Note: EOSIN FOCUS TGLs = 3-14

Lymph Node

Mandibular

Ectasia

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Basophilic Focus

Spleen

Hemangiosarcoma

Note: HEMANGIOSARC TGLs = 2-13+2

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Spleen

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Mild

Medulla

Hyperplasia

Multifocal, Mild

Medulla

Pheochromocytoma Benign

Multiple

Kidney

Nephropathy

Chronic, Moderate

Liver

Basophilic Focus

Degeneration

Cystic, Multifocal, Mild

Granuloma

Multiple, Minimal

Biliar Tract

Proliferation

Mild

Lymph Node

Mandibular

Ectasia

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Note: MEDIASTINAL IS MISSING

Note: ECTASIA TGLs = 1-7

Pancreas

Acinus

Atrophy

Multifocal, Moderate

Pituitary Gland

Pars Distalis

Hyperplasia

Focal, Mild

Note: HYPERPLASIA TGLs = 3-1

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 2-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 616

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Heart	Atrium	Thrombosis	Moderate
Note: THROMBUS TGLs = 6-2			
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
[Nephropathy TGLS = 5-5]		Nephropathy	Chronic, Moderate
Liver		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Moderate
		Vacuolization Cytoplasmic	Diffuse, Mild
Lymph Node	Mediastinal	Congestion	Mild
	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Pancreatic	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
	Pancreatic	Pigmentation	Cholesterol, Multifocal, Mild
Note: PIGMENT TGLs = 4-13			
Note: HYPERPLASIA TGLs = 4-13			
Mammary Gland	Duct	Cyst	Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 616

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3646

ORGAN AND ACCOUNTABLE SITE STATUS

Pars Distalis

Cyst

Moderate

Note: PITUITARY ADENOMA

Note: THERE APPEAR TO BE AN EPIDERIMAL INCLUSION CYST IN THE

Note: ADENOMA TGLs = 7-1

[Adenoma TGLS = 7-1]

[Angiectasis TGLS = 7-1]

Prostate

Inflammation

Subacute, Mild

Stomach

Forestomach

Hyperplasia

Mild

Forestomach

Inflammation

Subacute, Moderate

Forestomach

Ulcer

Moderate

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 188	TRT#: 7 DOSE: 0.6%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A85-3647
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Islets, Pancreatic Spleen	Lung	Lymph Node - Mandibular	Skin
OBSERVATIONS			
Adrenal Gland	Cortex Cortex Medulla	Degeneration Hyperplasia Pheochromocytoma Benign	Fatty, Focal, Mild Focal, Mild
Kidney	Papilla, Transit Epithe	Hyperplasia Nephropathy	Minimal Chronic, Moderate
Liver		Basophilic Focus Granuloma	Multiple, Minimal Marked
Lymph Node	Biliar Tract Mesenteric Mesenteric	Proliferation Hyperplasia Pigmentation	Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Marked
Preputial Gland	Duct	Cyst Inflammation	Moderate Subacute, Mild
Note: CYST TGLs = 1-8			
Testes	Interstitial Cell Interstitial Cell	Adenoma Atrophy Hyperplasia	Moderate Multifocal, Mild
Note: ATROPHY TGLs = 4-6			
Note: ADENOMA TGLs = 5-6			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Skin

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Mild

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Liver

Nephropathy

Chronic, Moderate

Hepatodiaphragmatic Nodule

Moderate

Inflammation

Subacute, Moderate

Mixed Cell Focus

Biliar Tract

Proliferation

Moderate

Note: INFLAMMATION TGLs = 3-2

[Hepatodiaphragmatic Nodule TGLS = 4-13]

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 5-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Spleen

Islets, Pancreatic

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Multiple

Brain

Carcinoma

Metastatic (Pituitary Gland)

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Moderate

[Nephropathy TGLS = 3-5]

Liver

Angiectasis

Multifocal, Mild

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Lymph Node

Biliar Tract

Proliferation

Mild

Mesenteric

Ectasia

Moderate

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Note: ECTASIA TGLs = 4-4

Pancreas

Acinus

Atrophy

Multifocal, Mild

Pituitary Gland

Pars Distalis

Angiectasis

Moderate

Pars Distalis

Carcinoma

Note: [CARCINOMA] TGLs = 1-5

Note: ANGIECTASIS TGLs = 5-1

Skin

Hyperkeratosis

Focal, Moderate

Hyperplasia

Focal, Mild

[Hyperkeratosis TGLS = 1-13]

[Hyperplasia TGLS = 1-13]

Testes

Interstitial Cell

Adenoma

Multiple

[Adenoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Lymph Node - Mandibular

Adrenal Gland - Medulla
Pancreas

Islets, Pancreatic

Lung

OBSERVATIONS

Eye
[Cataract TGLS = 1-15,2-13]
[Degeneration TGLS = 1-15,2-13]

Retina
Postr Chamber

Cataract
Degeneration
Hemorrhage

Marked
Marked
Minimal

Kidney

Papilla, Transit Epithe

Hyperplasia
Nephropathy
Angiectasis
Basophilic Focus
Degeneration
Eosinophilic Focus
Mixed Cell Focus
Pigmentation
Proliferation

Minimal
Chronic, Moderate
Focal, Mild
Cystic, Focal, Mild
Multiple
Hemosiderin, Moderate
Mild

Note: MIXED CL FOCUS TGLs = 5-2
Lymph Node

Biliar Tract
Mesenteric
Mesenteric
Capsule

Hyperplasia
Pigmentation
Cyst

Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Minimal
Mild

Spleen
Note: CYST TGLs = 4-14

Testes
Note: ADENOMA TGLs = 3-6

Interstit Cell

Adenoma

Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 192

TRT#: 7

DOSE: 0.6%

SEX: Male

DISP: Moribund

DAY ON TEST: 610

HISTO: A85-3651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Pancreas	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-13]			
[Degeneration TGLS = 1-13]			
Kidney		Nephropathy	Chronic, Mild
Liver		Angiectasis	Focal, Minimal
		Basophilic Focus	
		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	
		Mixed Cell Focus	
		Necrosis	Multifocal, Marked
	Biliar Tract	Proliferation	Mild
[Mixed Cell Focus TGLS = 6-15]			
[Necrosis TGLS = 7-16]			
Lung	Bronchus	Fungus	Marked
	Bronchus	Inflammation	Suppurative, Acute, Moderate
		Inflammation	Suppurative, Acute, Mild
		Necrosis	Mild
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 610

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3651

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Pancreatic	Pigmentation	Cholesterol, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Inflammation	Suppurative, Acute, Mild
Prostate		Hyperplasia	Focal, Minimal
Spleen		Inflammation	Subacute, Mild
[Hemangiosarcoma TGLS = 5-14]		Hemangiosarcoma	
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 4-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Spleen

OBSERVATIONS

Eye

Cataract

Marked

Retina

Degeneration

Marked

[Cataract TGLS = 4-14]

[Degeneration TGLS = 4-14]

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Moderate

Liver

Degeneration

Cystic, Multifocal, Moderate

Granuloma

Multiple, Minimal

Mixed Cell Focus

Biliar Tract

Proliferation

Moderate

[Degeneration TGLS = 6-15]

[Mixed Cell Focus TGLS = 6-15]

Lymph Node

Mesenteric

Giant Cell

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Moderate

Mesenteric

Pigmentation

Cholesterol, Multifocal, Moderate

Pancreas

Acinus

Atrophy

Multifocal, Mild

Skin

Squamous Cell Papilloma

[Squamous Cell Papilloma TGLS = 1-13]

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 5-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Spleen

Islets, Pancreatic

Lung

Skin

OBSERVATIONS

Adrenal Gland
Eye

Medulla

Pheochromocytoma Benign

Cataract

Marked

Retina

Degeneration

Marked

[Cataract TGLS = 1-13]

[Degeneration TGLS = 1-13]

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Moderate

Liver

Angiectasis

Multifocal, Mild

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Granuloma

Multiple, Minimal

Mixed Cell Focus

Biliar Tract

Proliferation

Mild

[Degeneration TGLS = 6-14+2]

[Eosinophilic Focus TGLS = 6-14+2]

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Ectasia

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Mild

Testes

Interstit Cell

Adenoma

Multiple

Atrophy

Moderate

[Adenoma TGLS = 5-6]

[Atrophy TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Ear	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Spleen			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Eye	Retina	Cataract	Mild
	Antr Chamber	Degeneration	Moderate
	Postr Chamber	Hemorrhage	Mild
		Hemorrhage	Mild
Note: DEGEN	TGLs = 1-14		
Note: CATARACT	TGLs = 1-14		
	[Cataract TGLS = 1-14]		
	[Degeneration TGLS = 1-14]		
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	Multiple
	Biliar Tract	Proliferation	Mild
Note: MIXED CL FOCUS	TGLs = 5-2		
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Duct	Cyst	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Note: ANGIECTASIS	TGLs = 7-1		
Note: ADENOMA	TGLs = 7-1		
Skin		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3654

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PAPILLOMA SQUA TGLs = 6-13

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 4-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Pancreas

Skin

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Multifocal, Mild

Cortex

Hyperplasia

Focal, Mild

Medulla

Pheochromocytoma Benign

Multiple

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Liver

Nephropathy

Chronic, Moderate

Granuloma

Multiple, Minimal

Hepatodiaphragmatic Nodule

Mild

Proliferation

Mild

Biliar Tract

Note: ANOM HEPAT LOB TGLs = 3-13

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

Skin

OBSERVATIONS

Adrenal Gland

Capsule, Cortex
Medulla
Medulla

Accessory Adrenal Cortical Nodule
Hyperplasia
Pheochromocytoma Benign

Mild
Focal, Minimal
Multiple

Eye

Retina
Cornea

Cataract
Degeneration
Fibrosis

Marked
Marked
Mild

[Cataract TGLS = 1-13]

[Degeneration TGLS = 1-13]

[Fibrosis TGLS = 1-13]

Kidney

Papilla, Transit Epithe

Hyperplasia
Nephropathy
Angiectasis
Basophilic Focus
Degeneration
Eosinophilic Focus
Proliferation

Minimal
Chronic, Moderate
Multifocal, Mild
Cystic, Multifocal, Mild
Multiple
Mild

Liver

Biliar Tract

Note: ANGIECTASIS TGLs = 4-14

Note: DEGEN TGLs = 4-14

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Mild

Testes

Interstit Cell

Adenoma

Moderate

Interstit Cell

Atrophy
Hyperplasia

Multifocal, Minimal

[Adenoma TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Lung	Lymph Node - Mandibular	Spleen
OBSERVATIONS			
Adrenal Gland	Capsule, Cortex Medulla	Accessory Adrenal Cortical Nodule Pheochromocytoma Benign	Mild Multiple
Eye	Retina	Cataract Degeneration	Moderate Moderate
[Cataract TGLS = 1-13] [Degeneration TGLS = 1-13]			
Kidney	Papilla, Transit Epithe	Hyperplasia Nephropathy	Minimal Chronic, Moderate
Liver		Angiectasis Basophilic Focus Degeneration Eosinophilic Focus Granuloma Mixed Cell Focus	Multifocal, Mild Cystic, Multifocal, Moderate Multiple, Mild Multiple, Mild Multiple
[Degeneration TGLS = 5-15]	Biliar Tract	Proliferation	Mild
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation	Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Skin		Basal Cell Adenoma	
Note: [BASAL CEL ADEN] TGLs = 4-14			
Testes	Interstit Cell	Adenoma Atrophy	Moderate
[Adenoma TGLS = 3-6] [Atrophy TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 651

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Preputial Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Capsule, Cortex Cortex Medulla Medulla	Accessory Adrenal Cortical Nodule Leukemia Mononuclear Leukemia Mononuclear Pheochromocytoma Benign	Multiple
Bone Marrow		Leukemia Mononuclear	
Heart	Atrium	Leukemia Mononuclear Thrombosis	
Note: THROMBUS TGLs = 9-14			
Kidney	Renal Tubule Papilla, Transit Epithe	Adenoma Hyperplasia Leukemia Mononuclear Nephropathy	Minimal Chronic, Moderate
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-2			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular Mediastinal Mesenteric	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-4			
Pancreas	Acinus	Atrophy Leukemia Mononuclear	Multifocal, Mild
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Prostate		Inflammation	Subacute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 651

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3658

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle

Leukemia Mononuclear

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 5-2,10-13

Leukemia Mononuclear

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 3-6

Atrophy

Moderate

Note: ATROPHY TGLs = 4-6

Thymus

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 8-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Skin

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland

Medulla
Medulla

Pheochromocytoma Benign
Pheochromocytoma Malignant

Note: PHEOCHROM MAL TGLs = 7-14

Eye

Retina

Cataract
Degeneration

Moderate
Moderate

Note: DEGEN TGLs = 1-13

Note: CATARACT TGLs = 1-13

Kidney

Papilla, Transit Epithe

Hyperplasia
Nephropathy

Minimal
Chronic, Marked

Note: NEPHROPATHY TGLs = 8-5

Liver

Angiectasis
Basophilic Focus
Degeneration
Eosinophilic Focus
Granuloma

Focal, Minimal
Cystic, Multifocal, Minimal

Lymph Node

Mediastinal
Mesenteric
Mesenteric

Ectasia
Hyperplasia
Pigmentation

Multiple, Minimal
Mild
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

[Hyperplasia TGLs = 9-3]

Mammary Gland

Hyperplasia

Mild

Note: HYPERPLASIA TGLs = 4-7

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 5-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 201

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Pancreas

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Mild

Medulla

Pheochromocytoma Benign

Multiple

Kidney

Cortex

Cyst

Multiple, Mild

Papilla, Transit Epithe

Hyperplasia

Minimal

Renal Tubule

Hyperplasia

Mild

Nephropathy

Chronic, Marked

Note: NEPHROPATHY TGLs = 6-5

[Nephropathy TGLS = 6-5]

Liver

Angiectasis

Multifocal, Moderate

Degeneration

Cystic, Multifocal, Moderate

Eosinophilic Focus

Multiple

Proliferation

Mild

Biliar Tract

Note: GOOD EXAMPLE OF CYSTIC DEGENERATION AND ANGIECTASIS

Note: DEGEN TGLs = 7-2

[Degeneration TGLS = 7-2]

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Hyperplasia

Moderate

Parathyroid Gland

Note: HYPERPLASIA TGLs = 9-3

Skin

Trichoepithelioma

[Trichoepithelioma TGLS = 1-13]

Spleen

Fibrosis

Focal, Moderate

Note: FIBROSIS TGLs = 8-14

Testes

Interstitial Cell

Adenoma

Moderate

Interstitial Cell

Atrophy

Multifocal, Mild

Hyperplasia

[Adenoma TGLS = 4-6]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 201

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3660

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 5-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 202	TRT#: 7 DOSE: 0.6%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A85-3661
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic Urinary Bladder	Lung	Lymph Node - Mandibular	Spleen
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OBSERVATIONS

Adrenal Gland	Cortex Medulla	Hyperplasia Pheochromocytoma Benign	Focal, Mild Multiple
Kidney [Nephropathy TGLS = 7-5]	Papilla, Transit Epithe	Hyperplasia Nephropathy	Minimal Chronic, Moderate
Liver		Angiectasis Degeneration Eosinophilic Focus Granuloma	Multifocal, Minimal Cystic, Multifocal, Mild Multiple Multiple, Minimal
Lymph Node	Biliar Tract Mesenteric Mesenteric	Proliferation Hyperplasia Pigmentation	Mild Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
Note: MEDIASTINAL IS MISSING Mesentery [Necrosis TGLS = 4-14]	Fat	Necrosis	Focal, Moderate
Pancreas Skin [Fibrosarcoma TGLS = 1-13]	Acinus Subcut Tiss	Atrophy Fibrosarcoma	Multifocal, Mild
Testes [Adenoma TGLS = 5-6]	Interstit Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 203

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

Pancreas

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Mild

Medulla

Pheochromocytoma Benign

Multiple

Kidney

Cortex

Cyst

Mild

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

Note: CYST TGLs = 4-5

Liver

Angiectasis

Multifocal, Mild

Basophilic Focus

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Granuloma

Multiple, Minimal

Mixed Cell Focus

Proliferation

Moderate

Biliar Tract

Note: BASOPHILIC FOCUS ON SLIDE 13

[Degeneration TGLS = 2-13+2]

[Mixed Cell Focus TGLS = 3-2]

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Testes

Interstitial Cell

Adenoma

Multiple

[Adenoma TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 204

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Spleen

OBSERVATIONS

Adrenal Gland

Capsule, Cortex

Accessory Adrenal Cortical Nodule

Mild

Cortex

Hyperplasia

Focal, Moderate

Medulla

Hyperplasia

Multifocal, Mild

Kidney

Nephropathy

Chronic, Moderate

Liver

Angiectasis

Multifocal, Mild

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Multiple

Biliar Tract

Proliferation

Mild

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Pancreas

Acinus

Atrophy

Multifocal, Marked

Skin

Squamous Cell Papilloma

Note: PAPILLOMA SQUA TGLs = 1-13

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 2-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 205

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Spleen

MISSING

Ear

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Mild

Medulla

Hyperplasia

Multifocal, Minimal

Kidney

Cortex

Cyst

Multiple, Moderate

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

Note: NEPHROPATHY TGLs = 7-5

Note: CYST TGLs = 6-16

Liver

Angiectasis

Multifocal, Mild

Basophilic Focus

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Multiple

Mixed Cell Focus

Multiple

Proliferation

Mild

Note: EOSIN FOCUS TGLs = 8-15+2

Biliar Tract

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Preputial Gland

Hyperplasia

Marked

Inflammation

Subacute, Mild

[Hyperplasia TGLS = 4-14]

[Inflammation TGLS = 4-14]

Skin

Squamous Cell Papilloma

Note: PAPILLOMA SQUA TGLs = 1-43

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 5-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 205

TRT#: 7

DOSE: 0.6%

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: A85-3664

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 206

TRT#: 7

SEX: Male

DAY ON TEST: 696

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Nose	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Hyperplasia Schwannoma Malignant	Fatty, Focal, Mild Focal, Mild
Ear Note: SCHWANNOMA MAL TGLs = 3-13			
Heart		Cardiomyopathy	Moderate
Kidney Note: NEPHROPATHY TGLs = 5-5	Papilla, Transit Epithe	Hyperplasia Nephropathy	Minimal Chronic, Moderate
Liver		Angiectasis Degeneration Eosinophilic Focus Proliferation Schwannoma Malignant	Focal, Mild Cystic, Multifocal, Mild Multiple Mild Metastatic (Ear), Multiple (Ear), Three (Ear)
Lung Note: SCHWANNOMA MAL TGLs = 6-14,7-3	Biliar Tract		
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation	Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
Mammary Gland Note: CYST TGLs = 4-7	Duct	Cyst	Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland Note: ADENOMA TGLs = 8-1	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 206

TRT#: 7

SEX: Male

DAY ON TEST: 696

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3665

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ANGIECTASIS TGLs = 8-1

Prostate

Inflammation

Subacute, Mild

Testes

Interstit Cell

Hyperplasia

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 207

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Islets, Pancreatic

Lymph Node - Mandibular

Spleen

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Malignant

[Pheochromocytoma Malignant TGLS = 2-13]

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

Angiectasis

Multifocal, Mild

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Multiple

Granuloma

Multiple, Minimal

Mixed Cell Focus

Multiple

Proliferation

Mild

[Degeneration TGLS = 3-14]

Biliar Tract

Lung

Alveolar/Bronchiolar Adenoma

[Alveolar/Bronchiolar Adenoma TGLS = 4-15]

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Moderate

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Note: MEDIASTINAL IN MISSING.

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 208

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Spleen

Islets, Pancreatic

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Multiple

[Pheochromocytoma Benign TGLS = 2-13+8]

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Moderate

Liver

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Granuloma

Multiple, Minimal

Mixed Cell Focus

Biliar Tract

Proliferation

Mild

[Mixed Cell Focus TGLS = 3-14]

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Pancreas

Acinus

Atrophy

Multifocal, Mild

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 209

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Lung	Mesentery	Pancreas
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	Multiple
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY TGLs = 3-5			
Liver		Angiectasis	Multifocal, Mild
		Basophilic Focus	
		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	Multiple
	Biliar Tract	Proliferation	Mild
Note: DEGEN TGLs = 6-2			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Ectasia	Marked
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: ECTASIA TGLs = 7-14			
Spleen		Fibrosis	Focal, Mild
Note: FIBROSIS TGLs = 2-13			
Testes	Interstit Cell	Adenoma	Multiple
Note: ADENOMA TGLs = 1-6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 210

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

Skin

OBSERVATIONS

Adrenal Gland

Capsule, Cortex
Cortex
Medulla

Accessory Adrenal Cortical Nodule
Hyperplasia
Pheochromocytoma Benign

Mild
Focal, Minimal
Multiple

Kidney

Cortex
Papilla, Transit Epithe

Cyst
Hyperplasia
Nephropathy

Moderate
Minimal
Chronic, Marked

Note: NEPHROPATHY TGLs = 4-5

Liver

Granuloma
Mixed Cell Focus
Proliferation

Multiple, Minimal
Multiple
Mild

Note: MIXED CL FOCUS TGLs = 5-2

Lymph Node

Biliar Tract
Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Minimal

Pancreas

Acinar Cell

Adenoma

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 3-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 211

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Spleen

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Mild

Medulla

Pheochromocytoma Benign

Multiple

Kidney

Cortex

Cyst

Multiple, Mild

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

Note: CYST

TGLs = 7-5

Liver

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Multiple

Granuloma

Multiple, Minimal

Proliferation

Moderate

Note: DEGEN

TGLs = 4-2

Lymph Node

Biliar Tract

Ectasia

Mild

Mandibular

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Moderate

Skin

Subcut Tiss

Fibrosarcoma

Note: FIBROSARC

TGLs = 6-13

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA

TGLs = 3-6

Thyroid Gland

C Cell

Carcinoma

Note: CARCINOMA

TGLs = 5-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 212

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Pancreas

Skin

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Minimal

Medulla

Pheochromocytoma Benign

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

[Nephropathy TGLS = 2-5]

Liver

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Granuloma

Multiple, Minimal

Mixed Cell Focus

Biliar Tract

Proliferation

Mild

Note: DEGEN TGLs = 3-2

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 4-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 213

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Lymph Node - Mandibular

Adrenal Gland - Medulla
Mammary Gland

Islets, Pancreatic
Spleen

Lung

OBSERVATIONS

Kidney
Note: NEPHROPATHY TGLs = 5-5

Nephropathy
Chronic, Mild

Liver
Note: EOSIN FOCUS TGLs = 7-2

Eosinophilic Focus
Mixed Cell Focus
Proliferation
Mild

Biliar Tract

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy
Multifocal, Minimal

Pituitary Gland

Artery

Inflammation
Subacute, Mild

Pars Distalis

Pars Distalis

Adenoma

Angiectasis
Mild

Note: ANGIECTASIS TGLs = 6-1

Note: ADENOMA TGLs = 6-1

Seminal Vesicle

Dilatation
Inflammation
Mild
Subacute, Mild

[Dilatation TGLS = 2-6]

[Inflammation TGLS = 2-6]

Testes

Interstitial Cell

Adenoma

Atrophy

Mild

Interstitial Cell

Hyperplasia

Multifocal, Mild

[Adenoma TGLS = 3-6]

[Atrophy TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 214

TRT#: 7

SEX: Male

DAY ON TEST: 605

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Brain		Meningioma Malignant	
Note: MENINGIOMA MAL TGLs = 8-1			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Biliar Tract	Granuloma	Multiple, Minimal
Note: EOSIN FOCUS TGLs = 9-2		Proliferation	Moderate
Lung	Pleura	Fibrosis	Focal, Minimal
Note: FIBROSIS TGLs = 6-3			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Prostate		Inflammation	Subacute, Mild
Skeletal Muscle		Fibrosis	Focal, Minimal
Note: FIBROSIS TGLs = 7-3			
Testes	Interstit Cell	Adenoma	
		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 214

TRT#: 7

SEX: Male

DAY ON TEST: 605

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3673

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-6,4-6]

Interstit Cell

Hyperplasia

Focal, Minimal

Thyroid Gland

C Cell

Hyperplasia

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 215

TRT#: 7

SEX: Male

DAY ON TEST: 694

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Eye	Retina	Cataract	Moderate
		Degeneration	Moderate
Heart		Cardiomyopathy	Minimal
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Liver		Eosinophilic Focus	
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Mild
Lymph Node	Pancreatic	Amyloid Deposition	Mild
	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Pancreatic	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
	Pancreatic	Pigmentation	Cholesterol, Multifocal, Minimal
Nose		Foreign Body	Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Prostate		Inflammation	Subacute, Minimal
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 215

TRT#: 7

SEX: Male

DAY ON TEST: 694

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3674

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-6]

[Atrophy TGLS = 4-6]

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 216

TRT#: 7

DOSE: 0.6%

SEX: Male

DISP: Dead

DAY ON TEST: 624

HISTO: A85-3675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Preputial Gland	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 6-8]		
	[Leukemia Mononuclear TGLS = 6-8]		
Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Mild
Brain		Hemorrhage	Multifocal, Mild
		Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 11-1.1		
Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
	Centrilobular	Necrosis	Moderate
	Biliar Tract	Proliferation	Moderate
Note: NECROSIS	TGLs = 9-2		
Note: LEUKEMIA MONUC	TGLs = 8-2		
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 216

TRT#: 7

DOSE: 0.6%

SEX: Male

DISP: Dead

DAY ON TEST: 624

HISTO: A85-3675

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland Note: CYST TGLs = 1-7	Mesenteric Mesenteric Duct	Leukemia Mononuclear Pigmentation Cyst	Cholesterol, Multifocal, Minimal Mild
Pancreas Pituitary Gland Note: HEMORRHAGE TGLs = 10-1.1 Note: LEUKEMIA MONUC TGLs = 10-1.1 Note: ADENOMA TGLs = 10-1.1	Pars Distalis Pars Distalis	Leukemia Mononuclear Adenoma Hemorrhage Leukemia Mononuclear	Marked
Prostate Salivary Glands Spleen Note: LEUKEMIA MONUC TGLs = 5-2		Inflammation Leukemia Mononuclear Leukemia Mononuclear Necrosis	Subacute, Mild Focal, Moderate
Testes Note: ADENOMA TGLs = 4-6	Interstit Cell Interstit Cell	Adenoma Hyperplasia Leukemia Mononuclear	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 217

TRT#: 7

DOSE: 0.6%

SEX: Male

DISP: Dead

DAY ON TEST: 660

HISTO: A85-3676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

Bone
Esophagus
Intestine Small - Jejunum
Mammary Gland
Preputial Gland
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Islets, Pancreatic
Nose
Prostate
Spleen
Thyroid Gland

Brain
Intestine Large - Colon
Lung
Pancreas
Salivary Glands
Stomach - Forestomach
Trachea

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland
Heart
Kidney
Liver

[Pheochromocytoma Malignant TGLS = 5-13]

Medulla

Centrilobular
Biliar Tract
Mesenteric
Pancreatic
Mesenteric
Pancreatic
Pars Distalis
Interstit Cell

Pheochromocytoma Malignant

Cardiomyopathy
Nephropathy
Degeneration
Necrosis
Proliferation
Hyperplasia
Hyperplasia
Pigmentation
Pigmentation
Cyst
Adenoma
Atrophy

Mild
Chronic, Mild
Cystic, Focal, Mild
Mild
Mild
Macrophage, Multifocal, Mild
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Minimal
Cholesterol, Multifocal, Minimal
Mild
Multiple
Mild

[Adenoma TGLS = 3-6]

[Atrophy TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 218

TRT#: 7

DOSE: 0.6%

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: A85-3677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Spleen

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Mild

Medulla

Pheochromocytoma Benign

Multiple

Heart

Atrium

Thrombosis

Marked

Note: THROMBUS

TGLs = 5-14

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Note: NEPHROPATHY

TGLs = 3-5

Liver

Angiectasis

Multifocal, Mild

Basophilic Focus

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Multiple

Mixed Cell Focus

Biliar Tract

Proliferation

Mild

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Note: HYPERPLASIA

TGLs = 4-4

Pancreas

Acinus

Atrophy

Multifocal, Mild

Acinus

Hyperplasia

Focal, Mild

Preputial Gland

Duct

Cyst

Moderate

Hyperplasia

Moderate

Inflammation

Subacute, Moderate

Note: INFLAMMATION

TGLs = 1-13

Note: HYPERPLASIA

TGLs = 1-13

Testes

Interstitial Cell

Adenoma

Multifocal, Mild

Interstitial Cell

Hyperplasia

Note: ADENOMA

TGLs = 2-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 219

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Pancreas

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland
Kidney

Medulla
Papilla, Transit Epithe

Pheochromocytoma Benign
Hyperplasia
Nephropathy
Angiectasis
Degeneration
Eosinophilic Focus
Granuloma
Mixed Cell Focus
Proliferation

Multiple
Minimal
Chronic, Moderate
Focal, Mild
Cystic, Multifocal, Mild
Multiple, Minimal
Multiple
Mild

Biliar Tract

Note: MIXED CL FOCUS TGLs = 3-14+2

Note: DEGEN TGLs = 3-14+2

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation
Necrosis

Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Minimal
Focal, Marked

Mesentery

Note: NECROSIS TGLs = 2-13

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 220

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Skin

OBSERVATIONS

Adrenal Gland

Cortex

Adenoma

Cortex

Degeneration

Fatty, Focal, Mild

Medulla

Pheochromocytoma Benign

Medulla

Pheochromocytoma Malignant

Note: CORTICAL ADENOMA ON SLIDE 8-1

Note: PHEOCHROMOCYTOMA MALIGNANT IS ON SLIDE 8-1

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Renal Tubule

Hyperplasia

Minimal

Note: NEPHROPATHY TGLs = 5-5

Nephropathy

Chronic, Marked

Liver

Angiectasis

Multifocal, Mild

Basophilic Focus

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Multiple

Granuloma

Multiple, Minimal

Hepatodiaphragmatic Nodule

Moderate

Necrosis

Focal, Minimal

Proliferation

Mild

Biliar Tract

Note: DEGEN TGLs = 9-2

Note: ANOM HEPAT LOB TGLs = 8-14

Note: MIXED CL FOCUS TGLs = 9-2

Note: CHOLESTEROL DEPOSITS IN SOME GRANULOMAS

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Mesentery

Fat

Necrosis

Focal, Moderate

Note: NECROSIS TGLs = 7-13

Pancreas

Acinus

Atrophy

Multifocal, Mild

Spleen

Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 220

TRT#: 7
DOSE: 0.6%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: A85-3679

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 6-2
Testes

Interstit Cell

Adenoma
Atrophy

Multiple
Mild

Note: ATROPHY TGLs = 3-6
Note: ADENOMA TGLs = 4-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 221

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Pancreas

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland

Medulla
Medulla

Hyperplasia
Pheochromocytoma Benign

Multifocal, Mild

Note: PHEOCHROM BGN TGLs = 7-15

Eye

Retina
Antr Chamber

Cataract
Degeneration
Hemorrhage

Marked
Marked
Moderate

[Cataract TGLS = 1-16]
[Degeneration TGLS = 1-16]
[Hemorrhage TGLS = 1-16]

Kidney

Cortex
Papilla, Transit Epithe

Cyst
Hyperplasia
Nephropathy

Multiple, Moderate
Minimal
Chronic, Marked

[Cyst TGLS = 6-5]
[Nephropathy TGLS = 5-5]

Liver

Biliar Tract

Angiectasis
Degeneration
Eosinophilic Focus
Granuloma
Mixed Cell Focus
Proliferation

Multifocal, Mild
Cystic, Multifocal, Mild
Multiple
Multiple, Mild
Mild

Note: EOSIN FOCUS TGLs = 10-2
Note: DEGEN TGLs = 10-2
Note: ANGIECTASIS TGLs = 10-2

Lymph Node

Mesenteric
Mesenteric
Mesenteric

Ectasia
Hyperplasia
Pigmentation

Mild
Macrophage, Multifocal, Moderate
Cholesterol, Multifocal, Mild

Note: ECTASIA TGLs = 8-4

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 221

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3680

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery [Necrosis TGLS = 4-14]	Fat	Necrosis	Focal, Moderate
Parathyroid Gland Note: HYPERPLASIA TGLs = 9-3		Hyperplasia	Mild
Skin [Hyperkeratosis TGLS = 2-13] [Hyperplasia TGLS = 2-13]		Hyperkeratosis Hyperplasia	Focal, Marked Focal, Marked
Testes [Adenoma TGLS = 3-6]	Interstit Cell	Adenoma	Multiple
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 222

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Spleen

Adrenal Gland - Medulla

Islets, Pancreatic

Lung

OBSERVATIONS

Eye

Retina
Antr Chamber
Postr Chamber

Cataract
Degeneration
Hemorrhage
Hemorrhage

Moderate
Moderate
Mild
Mild

Note: HEMORRHAGE TGLs = 1-15

Note: HEMORRHAGE TGLs = 1-15

[Hemorrhage TGLS = 1-15]

[Hemorrhage TGLS = 1-15]

Kidney

Papilla, Transit Epithe

Hyperplasia
Nephropathy

Minimal
Chronic, Marked

Note: NEPHROPATHY TGLs = 5-5

Liver

Angiectasis
Degeneration
Eosinophilic Focus
Granuloma
Mixed Cell Focus
Proliferation

Focal, Mild
Cystic, Multifocal, Mild
Multiple
Multiple, Moderate
Mild

Note: SLIDE 14 IS GOOD EXAMPLE OF CHOLESTEROL AND GRANULOMAS IN

Note: GRANULOMA TGLs = 6-14

Note: SLIDE 2 HAS MANY GRANULOMAS WITH CHOLESTEROL DEPOSITS

Note: MIXED CL FOCUS TGLs = 6-14

Note: MIXED CELL FOCI

Biliar Tract

Lymph Node

Mediastinal
Mandibular
Mesenteric
Mesenteric

Congestion
Ectasia
Hyperplasia
Pigmentation

Mild
Minimal
Macrophage, Multifocal, Moderate
Cholesterol, Multifocal, Mild

Note: CONGESTION TGLs = 7-3

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 222

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3681

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery

Mesothelioma Malignant

Note: MESOTHELIO MAL TGLs = 4-13

Pancreas

Acinus

Atrophy

Multifocal, Mild

Testes

Interstit Cell

Adenoma

Multiple

Note: ADENOMA TGLs = 3-6

Note: MESOTHELIO MAL TGLs = 3-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 223

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Islets, Pancreatic	Spleen
OBSERVATIONS			
Eye	Retina Cornea	Cataract Degeneration Inflammation	Moderate Marked Subacute, Mild
[Cataract TGLS = 1-15,2-15] [Degeneration TGLS = 1-15,2-15] [Inflammation TGLS = 1-15,2-15]			
Kidney	Papilla, Transit Epithe	Hyperplasia Nephropathy	Minimal Chronic, Marked
[Nephropathy TGLS = 5-5]			
Liver		Angiectasis Degeneration Eosinophilic Focus Hepatodiaphragmatic Nodule Mixed Cell Focus	Multifocal, Mild Cystic, Multifocal, Mild
	Biliar Tract	Proliferation	Mild Multiple Mild
Note: ANOM HEPAT LOB TGLs = 6-14			
Lung		Pigmentation	Hemosiderin, Multifocal, Mild
Lymph Node	Mandibular Mesenteric Mesenteric Mesenteric	Ectasia Ectasia Hyperplasia Pigmentation	Mild Minimal Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
Note: MEDIASTINAL IS MISSING			
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis	Marked
Note: ADENOMA TGLs = 7-1 [Adenoma TGLS = 7-1]			
Skin		Basal Cell Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 223

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3682

ORGAN AND ACCOUNTABLE SITE STATUS

[Basal Cell Adenoma TGLS = 3-13]

Testes

Interstit Cell

Adenoma

Multifocal, Minimal

Interstit Cell

Hyperplasia

[Adenoma TGLS = 4-6]

[Hyperplasia TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 224

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Spleen

Islets, Pancreatic

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland
Eye

Cortex

Hyperplasia

Focal, Minimal

Cataract

Marked

Retina

Degeneration

Marked

Postr Chamber

Hemorrhage

Mild

[Cataract TGLS = 1-14]

[Degeneration TGLS = 1-14]

[Hemorrhage TGLS = 1-14]

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Moderate

Angiectasis

Multifocal, Mild

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Granuloma

Multiple, Mild

Mixed Cell Focus

Proliferation

Mild

[Mixed Cell Focus TGLS = 3-13]

Lymph Node

Mesenteric

Ectasia

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Note: MEDIASTINAL IS MISSING

Pancreas

Acinus

Atrophy

Multifocal, Moderate

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 225

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Pancreas

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland
Note: PHEOCHROM BGN TGLs = 3-14
Eye

Medulla
Retina
Cornea

Pheochromocytoma Benign
Cataract
Degeneration
Fibrosis

Moderate
Marked
Moderate

Note: FIBROSIS TGLs = 1-13
[Cataract TGLS = 1-13]
[Fibrosis TGLS = 1-13]

Kidney
Note: NEPHROPATHY TGLs = 4-5
Liver

Papilla, Transit Epithe
Biliar Tract
Mesenteric
Mesenteric
Interstit Cell

Hyperplasia
Nephropathy
Angiectasis
Degeneration
Eosinophilic Focus
Granuloma
Proliferation
Hyperplasia
Pigmentation
Adenoma

Minimal
Chronic, Moderate
Multifocal, Mild
Cystic, Multifocal, Mild
Multiple
Multiple, Minimal
Mild
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal
Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 226

TRT#: 7

SEX: Male

DAY ON TEST: 581

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-9]			
Brain		Hemorrhage	Multifocal, Minimal
		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
Intestine Large	Cecum	Leukemia Mononuclear	
	Colon	Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2]			
Lung	Alveolar Epith	Hyperplasia	Multifocal, Mild
		Leukemia Mononuclear	
		Necrosis	Mild
Note: NECROSIS TGLs = 8-14			
[Hyperplasia TGLS = 8-14]			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 226

TRT#: 7

SEX: Male

DAY ON TEST: 581

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3685

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-13]			
[Leukemia Mononuclear TGLS = 4-4]			
[Leukemia Mononuclear TGLS = 6-3]			
[Leukemia Mononuclear TGLS = 1-7]			
Mammary Gland	Duct	Cyst	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Seminal Vesicle		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]			
Testes		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 227

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Spleen

Islets, Pancreatic

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland
Eye

Cortex

Hyperplasia

Focal, Mild

Eye

Cataract

Moderate

Retina

Degeneration

Moderate

[Cataract TGLS = 1-15]

[Degeneration TGLS = 1-15]

Kidney

Papilla, Transit Epithe
Renal Tubule

Hyperplasia

Minimal

Hyperplasia

Minimal

Nephropathy

Chronic, Marked

[Nephropathy TGLS = 3-5]

Liver

Angiectasis

Focal, Mild

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Multiple

Granuloma

Multiple, Minimal

Mixed Cell Focus

Biliar Tract

Proliferation

Mild

Note: MIXED CL FOCUS TGLs = 4-13

Note: SLIDE 13:GOOD EXAMPLE OF MIXED CELL FOCUS, GRANULOMAS AND

Note: CHOLESTEROL DEPOSITS

Lymph Node

Mediastinal

Congestion

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Note: CONGESTION TGLs = 5-3

Oral Mucosa

Gingival

Squamous Cell Carcinoma

Note: [SQUAM CEL CARC] TGLs = 6-14

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Acinus

Hyperplasia

Multifocal, Minimal

Testes

Interstit Cell

Adenoma

Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:47:59
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 227

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3686

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 228

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Spleen

Islets, Pancreatic

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland

Medulla
Medulla

Pheochromocytoma Benign
Pheochromocytoma Malignant

[Pheochromocytoma Malignant TGLS = 3-13]

Eye

Retina

Cataract
Degeneration

Moderate
Moderate

Note: CATARACT TGLs = 1-15
[Cataract TGLS = 1-15]

Kidney

Papilla, Transit Epithe

Hyperplasia
Nephropathy
Angiectasis
Degeneration
Eosinophilic Focus
Granuloma
Hepatocellular Adenoma

Minimal
Chronic, Moderate
Focal, Mild
Cystic, Multifocal, Mild

Liver

[Hepatocellular Adenoma TGLS = 4-14]

Lymph Node

Note: MESENTERIC IS MISSING

Pancreas

Testes

Interstitial Cell

Basophilic Focus
Adenoma

Multiple

[Adenoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 229

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Spleen

Islets, Pancreatic

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland
Kidney
Liver

Medulla

Pheochromocytoma Benign
Nephropathy
Angiectasis
Degeneration
Eosinophilic Focus
Granuloma
Mixed Cell Focus
Proliferation

Multiple
Chronic, Moderate
Focal, Mild
Cystic, Multifocal, Mild
Multiple
Multiple, Minimal
Mild

Biliar Tract

Note: MIXED CL FOCUS TGLs = 2-13
Note: EOSIN FOCUS TGLs = 2-13
Note: DEGEN TGLs = 2-13

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation
Atrophy
Adenoma

Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal
Multifocal, Mild
Multiple

Pancreas

Acinus

Testes

Interstit Cell

Note: ADENOMA TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 230

TRT#: 7

DOSE: 0.6%

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: A85-3689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Islets, Pancreatic

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Malignant

Note: [PHEOCHROM MAL] TGLs = 3-8

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Moderate

Angiectasis

Multifocal, Mild

Degeneration

Cystic, Multifocal, Mild

Eosinophilic Focus

Multiple

Granuloma

Multiple, Minimal

Hepatodiaphragmatic Nodule

Moderate

Proliferation

Mild

Biliar Tract

Note: DEGEN TGLs = 6-2

Note: EOSIN FOCUS TGLs = 6-2

Note: ANOM HEPAT LOB TGLs = 4-14

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Spleen

Fibrosis

Focal, Mild

[Fibrosis TGLS = 2-13]

Testes

Interstit Cell

Adenoma

Multiple

[Adenoma TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1

TRT#: 2

SEX: Female

DAY ON TEST: 690

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Ovary	Parathyroid Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Note: LESIONS ARE ON SLIDE 8.1			
Bone Marrow		Hyperplasia	Mild
Clitoral Gland	Duct	Cyst	Marked
		Inflammation	Subacute, Moderate
Note: CYST TGLs = 2-8 [Cyst TGLS = 2-8]			
Kidney		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	Mild
	Biliar Tract	Proliferation	Minimal
Note: ANOM HEPAT LOB TGLs = 6-14			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 3-13			
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1

TRT#: 2

SEX: Female

DAY ON TEST: 690

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3700

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 5-1

[Adenoma TGLS = 5-1]

[Cyst TGLS = 5-1]

Salivary Glands

Acinus

Atrophy

Focal, Minimal

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 2	SEX: Female	DAY ON TEST: 666
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO: A85-3701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Congestion	Minimal
	Medulla	Hyperplasia	Multifocal, Moderate
Note: CONGESTION TGLs = 5-8			
Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Myelofibrosis	Marked
Note: MYELOFIBROSIS TGLs = 12-9			
Clitoral Gland	Duct	Cyst	Moderate
		Hyperplasia	Moderate
Note: CYST TGLs = 3-8			
Note: HYPERPLASIA TGLs = 3-8			
Eye		Cataract	Marked
	Retina	Degeneration	Marked
[Cataract TGLs = 1-13]			
[Degeneration TGLs = 1-13]			
Heart		Cardiomyopathy	Minimal
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY TGLs = 6-5			
Liver	Biliar Tract	Proliferation	Minimal
Lung		Infiltration Cellular	Histiocyte, Diffuse, Mild
Lymph Node	Mediastinal	Congestion	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 2	SEX: Female	DAY ON TEST: 666
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO: A85-3701

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CONGESTION	TGLs = 8-3		
Pancreas		Acinus	Atrophy
Parathyroid Gland			Hyperplasia
Note: HYPERPLASIA	TGLs = 9-3		
Pituitary Gland		Pars Distalis	Adenoma
		Pars Distalis	Angiectasis
Note: ADENOMA	TGLs = 10-1		
[Adenoma TGLS = 10-1]			
Spleen			Fibrosis
			Hematopoietic Cell Proliferation
[Hematopoietic Cell Proliferation TGLS = 4-2]			
Uterus			Polyp Stromal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3	TRT#: 2	SEX: Female	DAY ON TEST: 729
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Uterus	Cervix	Abscess	Marked
	Cervix	Cyst	Marked
		Dilatation	Mild

[Abscess TGLS = 1-6]

[Cyst TGLS = 1-6]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4	TRT#: 2	SEX: Female	DAY ON TEST: 729
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Ovary
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY	TGLs = 2-5		
Liver		Basophilic Focus	Multiple
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1-13]			
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Salivary Glands	Acinus	Atrophy	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5	TRT#: 2	SEX: Female	DAY ON TEST: 729
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Adenoma	
	Duct	Cyst	Mild
		Inflammation	Subacute, Mild
[Cyst TGLS = 2-13]			
[Inflammation TGLS = 2-13]			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Minimal
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-14]			
Pituitary Gland	Pars Distalis	Adenoma	Multiple, Two
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
[Adenoma TGLS = 3-1]			
[Angiectasis TGLS = 3-1]			
[Pigmentation TGLS = 3-1]			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 6	TRT#: 2	SEX: Female	DAY ON TEST: 729
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
Clitoral Gland		Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 1-8		
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Hepatodiaphragmatic Nodule	Moderate
[Hepatodiaphragmatic Nodule TGLS = 4-14]			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 3-13]			
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Note: ANGIECTASIS	TGLs = 5-1		
Note: PIGMENT	TGLs = 5-1		
Note: ADENOMA	TGLs = 5-1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 6

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3705

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 2	SEX: Female	DAY ON TEST: 687
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO: A85-3706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Heart		Inflammation	Subacute, Focal, Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
	Biliar Tract	Proliferation	Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Accessory Adrenal Cortical Nodule	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Thymus		Cyst	Minimal
Uterus		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9

TRT#: 2

SEX: Female

DAY ON TEST: 158

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A83-29514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pancreas
Skin
Thymus
Uterus

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Parathyroid Gland
Spleen
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation
Adenocarcinoma

Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Mammary Gland

Note: TGL 1 IS ON SLIDE I.

[Adenocarcinoma TGLS = 1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Eye	Retina	Cataract	Moderate
		Degeneration	Moderate
Note: CATARACT	TGLs = 1-13		
Note: DEGEN	TGLs = 1-13		
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA	TGLs = 4-15,5-16		
Salivary Glands	Acinus	Atrophy	Focal, Minimal
Skin		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 2-14		
Thyroid Gland	C Cell	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 5-13	Medulla	Pheochromocytoma Benign	
Bone Marrow		Infiltration Cellular Pigmentation	Histiocyte, Mild Cholesterol, Multifocal, Mild
Clitoral Gland Note: INFLAMMATION TGLs = 7-8+8-1 Note: CYST TGLs = 7-8+8-1	Duct	Cyst Inflammation	Moderate Subacute, Moderate
Eye Note: DEGEN TGLs = 1-15 Note: CATARACT TGLs = 1-15	Retina	Cataract Degeneration	Moderate Moderate
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus Granuloma Mixed Cell Focus	Multiple Multiple, Minimal
Lymph Node	Mandibular Mesenteric Mesenteric	Ectasia Hyperplasia Pigmentation Cyst	Minimal Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
Ovary Note: CYST TGLs = 4-6			
Pituitary Gland	Pars Distalis	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3710

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

Note: HYPERPLASIA TGLs = 6-14

Pars Distalis

Hyperplasia

Focal, Mild

Hyperplasia

Focal, Marked

Uterus

Note: ABSCESS TGLs = 3-16

Note: CYST TGLs = 3-16

Cervix

Abscess

Moderate

Cervix

Cyst

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:47:59

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 2

SEX: Female

DAY ON TEST: 723

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone	Cranium	Osteopetrosis	Mild
	Femur	Osteopetrosis	Mild
[Osteopetrosis TGLS = 6-14]			
Brain		Compression	Minimal
		Glioma Malignant	
[Compression TGLS = 8-1]			
[Glioma Malignant TGLS = 8-1]			
Eye		Cataract	Marked
	Retina	Degeneration	Marked
[Cataract TGLS = 1-13]			
[Degeneration TGLS = 1-13]			
Heart		Cardiomyopathy	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
		Granuloma	Multiple, Minimal
Liver		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Mild
		Regeneration	Mild
Note: REGENERATION TGLs = 5-2			
[Leukemia Mononuclear TGLS = 5-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 2

SEX: Female

DAY ON TEST: 723

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3711

ORGAN AND ACCOUNTABLE SITE STATUS

Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Ovary		Cyst	
[Cyst TGLS = 3-6]			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			
[Pigmentation TGLS = 7-1]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 2

SEX: Female

DAY ON TEST: 687

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone	Cranium	Osteopetrosis	Moderate
	Femur	Osteopetrosis	Marked
	Turbinates	Osteopetrosis	Marked
Note: GOOD EXAMPLE OF OSTEOPETROSIS OF FEMUR AND TURBINATES.			
Note: OSTEOPETROSIS TGLs = 6-9			
[Osteopetrosis TGLs = 5-14]			
Brain		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
	Biliar Tract	Proliferation	Minimal
		Vacuolization Cytoplasmic	Diffuse, Marked
[Vacuolization Cytoplasmic TGLs = 7-2]			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 2

SEX: Female

DAY ON TEST: 687

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3712

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 8-4]

Pituitary Gland

Pars Distalis

Cyst

Minimal

Pars Distalis

Hyperplasia

Focal, Minimal

Pars Distalis

Leukemia Mononuclear

Skin

Subcut Tiss

Fibrosarcoma

Note: TGL 2 IS UNUSUAL AND DIFFICULT NEOPLASM.

[Fibrosarcoma TGLS = 2-13]

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 4-2

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 14

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Capsule, Cortex Cortex Medulla	Accessory Adrenal Cortical Nodule Hyperplasia Hyperplasia Adenoma Inflammation	Minimal Focal, Mild Focal, Minimal Subacute, Mild
Clitoral Gland			
Note: INFLAMMATION TGLs = 5-8 Note: ADENOMA TGLs = 5-8			
Eye	Retina	Cataract Degeneration	Mild Moderate
[Cataract TGLS = 1-16] [Degeneration TGLS = 1-16]			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation Fibroadenoma	Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal Multiple
Mammary Gland			
Note: FIBROADENOMA TGLs = 2-13,3-14,4-15			
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Cyst	Minimal
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 2

SEX: Female

DAY ON TEST: 710

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Eye	Retina	Cataract	Marked
		Degeneration	Marked
		[Cataract TGLS = 1-13]	
		[Degeneration TGLS = 1-13]	
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Multifocal, Marked
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Minimal
		Regeneration	Minimal
		Note: LEUKEMIA MONUC TGLs = 5-2	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Minimal
	Pancreatic	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 2

SEX: Female

DAY ON TEST: 710

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3714

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Pancreatic	Leukemia Mononuclear	
Pituitary Gland	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
	Nasolacrim Dct	Inflammation	Subacute, Minimal
	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	Mild
Note: ADENOMA TGLs = 6-1 [Adenoma TGLS = 6-1] [Angiectasis TGLS = 6-1]			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-2			
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Clitoral Gland	Duct	Cyst	Moderate
Eye	Retina	Cataract	Moderate
		Degeneration	Moderate
[Cataract TGLS = 1-13]			
[Degeneration TGLS = 1-13]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Moderate
Ovary		Cyst	Moderate
[Cyst TGLS = 2-6]			
Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Moderate
Uterus	Cervix	Abscess	Marked
	Cervix	Cyst	Marked
[Abscess TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3715

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 17

TRT#: 2

SEX: Female

DAY ON TEST: 686

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3716

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
[Leukemia Mononuclear TGLS = 3-7]			
Mammary Gland	Duct	Cyst	Marked
Note: [CYST] TGLs = 4-13			
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
	Pars Distalis	Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-2]			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Clitoral Gland	Duct	Adenoma	
		Cyst	Moderate
		Inflammation	Subacute, Mild
Note: ADENOMA TGLs = 2-8 [Cyst TGLS = 2-8] [Inflammation TGLS = 2-8]			
Eye	Retina	Cataract	Mild
		Degeneration	Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA TGLs = 3-13,4-14			
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
		Basophilic Focus	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3717

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland

Pars Distalis

Angiectasis

Marked

Pars Distalis

Cyst

Marked

[Angiectasis TGLS = 5-1]

[Cyst TGLS = 5-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Clitoral Gland	Duct	Cyst	Moderate
		Hyperplasia	Moderate
		Inflammation	Subacute, Moderate
Note: HYPERPLASIA TGLs = 4-13			
Eye		Cataract	Marked
	Retina	Degeneration	Marked
[Cataract TGLS = 1-14]			
[Degeneration TGLS = 1-14]			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
Uterus		Adenoma	
		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3718

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-6]

[Polyp Stromal TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung	Mammary Gland	Ovary	Parathyroid Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Focal, Minimal
Eye	Retina	Cataract	Mild
		Degeneration	Moderate
		[Cataract TGLS = 1-14]	
		[Degeneration TGLS = 1-14]	
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
	Biliar Tract	Proliferation	Minimal
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	Multiple, Two
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Skin		Trichoepithelioma	
		[Trichoepithelioma TGLS = 3-13]	
Thyroid Gland	C Cell	Hyperplasia	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3719

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Cervix

Abscess

Marked

Cervix

Cyst

Marked

Dilatation

Moderate

Polyp Stromal

[Cyst TGLS = 4-15]

[Dilatation TGLS = 4-15]

[Polyp Stromal TGLS = 5-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone	Cranium	Osteopetrosis	Mild
	Femur	Osteopetrosis	Mild
[Osteopetrosis TGLS = 7-15]			
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Mild
		Regeneration	Mild
Note: REGENERATION TGLs = 6-2			
[Leukemia Mononuclear TGLS = 6-2]			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3720

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Moderate
	Pars Distalis	Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Skin	Subcut Tiss	Lipoma	
	[Lipoma TGLS = 2-13]		
Spleen		Fibrosis	Focal, Mild
		Leukemia Mononuclear	
	[Fibrosis TGLS = 5-14]		
	[Leukemia Mononuclear TGLS = 4-2]		
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 2

SEX: Female

DAY ON TEST: 716

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Stomach - Forestomach
Trachea

Bone
Esophagus
Intestine Small - Duodenum
Lung
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Skin
Thymus

OBSERVATIONS

Heart
Kidney
Liver

Cardiomyopathy
Nephropathy
Basophilic Focus
Granuloma
Mixed Cell Focus

Minimal
Chronic, Minimal
Multiple
Multiple, Moderate

Lymph Node

Biliar Tract
Mandibular
Mesenteric
Mesenteric
Acinus
Pars Distalis
Pars Distalis
Pars Distalis

Proliferation
Ectasia
Hyperplasia
Pigmentation
Atrophy
Adenoma
Angiectasis
Pigmentation

Minimal
Mild
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal
Multifocal, Minimal
Marked
Hemosiderin, Minimal

Pancreas
Pituitary Gland

[Adenoma TGLS = 3-1]
[Angiectasis TGLS = 3-1]

Salivary Glands
Uterus

Acinus

Atrophy
Sarcoma Stromal

Multifocal, Moderate

[Sarcoma Stromal TGLS = 2-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Clitoral Gland		Adenoma	
	Duct	Cyst	Moderate
Note: [ADENOMA] TGLs = 1-8			
[Cyst TGLS = 1-8]			
Heart		Cardiomyopathy	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	Moderate
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3722

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-2]

Uterus

Endometrium

Hyperplasia

Cystic, Minimal

Polyp Stromal

Multiple, Two

[Hyperplasia TGLS = 3-6,4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Hyperplasia	Focal, Minimal
Brain		Compression	Mild
		Hydrocephalus	Mild
			[Compression TGLS = 4-1]
			[Hydrocephalus TGLS = 4-1]
Clitoral Gland	Duct	Cyst	Moderate
			[Cyst TGLS = 5-8]
Heart		Cardiomyopathy	Mild
Intestine Large	Cecum	Parasite Metazoan	Mild
	Colon	Parasite Metazoan	Mild
	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
Lung	Pleura	Fibrosis	Focal, Minimal
		Granuloma	Multiple, Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3723

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-1]

[Angiectasis TGLS = 3-1]

[Pigmentation TGLS = 3-1]

Thyroid Gland

C Cell

Hyperplasia

Focal, Mild

Uterus

Polyp Stromal

[Polyp Stromal TGLS = 2-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 2

SEX: Female

DAY ON TEST: 409

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A84-32579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

MISSING

Intestine Small - Jejunum	Islets, Pancreatic
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OBSERVATIONS

Kidney		Hydronephrosis Nephropathy	Mild Chronic, Minimal
[Hydronephrosis TGLS = 1-7]			
Liver		Vacuolization Cytoplasmic	Diffuse, Mild
Lung		Adenocarcinoma	Metastatic (Uterus)
Lymph Node	Iliac	Adenocarcinoma	Metastatic (Uterus)
	Renal	Adenocarcinoma	Metastatic (Uterus)
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: ADENOCARC TGLs = 5-24 [Adenocarcinoma TGLS = 6-25]			
Mesentery		Adenocarcinoma	Metastatic (Uterus)
[Adenocarcinoma TGLS = 4-23+5]			
Urinary Bladder		Adenocarcinoma	Metastatic (Uterus)
Uterus		Adenocarcinoma Fibrous Histiocytoma Polyp Stromal	
[Adenocarcinoma TGLS = 3-22+9]			
[Fibrous Histiocytoma TGLS = 2-21]			
[Polyp Stromal TGLS = 3-22]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 2

SEX: Female

DAY ON TEST: 409

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A84-32579

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
Clitoral Gland	Duct	Adenoma	
Note: CYST	TGLs = 2-8	Cyst	Moderate
Note: ADENOMA	TGLs = 2-8		
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Clitoral Gland	Duct	Adenoma	
		Cyst	Mild
		Inflammation	Subacute, Mild
Note: ADENOMA	TGLs = 6-8		
Note: CYST	TGLs = 6-8		
Note: INFLAMMATION	TGLs = 6-8		
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA	TGLs = 2-13,3-14		
Mesentery	Fat	Necrosis	Focal, Moderate
Note: NECROSIS	TGLs = 4-15		
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Note: CYST	TGLs = 5-1		
Note: ANGIECTASIS	TGLs = 5-1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3726

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 5-1

[Adenoma TGLS = 5-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA	TGLs = 1-13,2-14,3-15		
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Ovary		Cyst	Mild
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Clitoral Gland		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-13		
Pancreas	Acinus	Atrophy	Multifocal, Minimal
	Acinus	Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Note: ANGIECTASIS	TGLs = 2-1		
Note: ADENOMA	TGLs = 2-1		
[Adenoma TGLS = 2-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3728

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 2-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 30

TRT#: 2

SEX: Female

DAY ON TEST: 694

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA	TGLs = 2-13,3-14		
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
[Adenoma TGLS = 5-1]			
[Angiectasis TGLS = 5-1]			
Thyroid Gland	C Cell	Adenoma	
Uterus	Mucosa	Cyst	Mild
		Fibroma	
[Cyst TGLS = 4-15]			
[Fibroma TGLS = 6-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 2

SEX: Female

DAY ON TEST: 622

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A85-3730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Lymph Node - Mandibular	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Jejunum
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OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Vacuolization Cytoplasmic	Diffuse, Mild
Lung		Adenocarcinoma	Metastatic (Mammary Gland)
Note: TGL 4, DIAGNOSIS IMPAIRED BY AUTOLYSIS.			
Note: ADENOCARC TGLs = 4-3			
Lymph Node	Mediastinal	Congestion	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Adenocarcinoma	
Note: TGL 1, NEOPLASM IS AUTOLYTIC.			
[Adenocarcinoma TGLS = 1-13]			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Note: PIGMENT TGLs = 5-1			
[Angiectasis TGLS = 5-1]			
[Cyst TGLS = 5-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 31

TRT#: 2

SEX: Female

DAY ON TEST: 622

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A85-3730

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 5-1]

Spleen

Hematopoietic Cell Proliferation

Marked

Uterus

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 2

SEX: Female

DAY ON TEST: 604

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Brain		Compression	Mild
Clitoral Gland		Inflammation	Subacute, Moderate
Note: INFLAMMATION	TGLs = 3-8		
Kidney		Nephropathy	Chronic, Marked
Note: NEPHROPATHY	TGLs = 6-5		
Liver		Granuloma	Multiple, Mild
		Vacuolization Cytoplasmic	Diffuse, Moderate
Note: VACUOLIZ CYTO	TGLs = 8-2		
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA	TGLs = 2-13,4-14		
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Note: ANGIECTASIS	TGLs = 9-1		
Note: PIGMENT	TGLs = 9-1		
Note: ADENOMA	TGLs = 9-1		
Thyroid Gland		Ultimobranchial Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 2

SEX: Female

DAY ON TEST: 532

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A85-3732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mammary Gland	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Bone Marrow		Hyperplasia	Mild
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 3-13		
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
Lung		Congestion	Mild
[Congestion TGLS = 5-3]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: HYPERPLASIA	TGLs = 2-7		
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Minimal
	Acinus	Hyperplasia	Multifocal, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Moderate
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Necrosis	Focal, Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Parathyroid Gland
Stomach - Glandular

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Salivary Glands
Thymus

Brain
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Spleen
Trachea

Esophagus
Intestine Small - Duodenum
Lung
Pancreas
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Moderate

Cortex

Hyperplasia

Focal, Mild

Bone

Cranium

Osteopetrosis

Moderate

Femur

Osteopetrosis

Moderate

Turbinates

Osteopetrosis

Marked

[Osteopetrosis TGLS = 4-15]

Clitoral Gland

Duct

Adenoma

Cyst

Moderate

Inflammation

Subacute, Mild

[Adenoma TGLS = 2-7]

[Cyst TGLS = 2-7]

[Inflammation TGLS = 2-7]

Heart

Cardiomyopathy

Mild

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Multiple

Granuloma

Multiple, Moderate

Necrosis

Focal, Minimal

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pituitary Gland

Pars Distalis

Cyst

Mild

Pars Distalis

Hyperplasia

Focal, Mild

Skin

Keratoacanthoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3734

ORGAN AND ACCOUNTABLE SITE STATUS

[Keratoacanthoma TGLS = 1-13]

Thyroid Gland

C Cell

Adenoma

Uterus

C Cell

Hyperplasia

Focal, Minimal

Mucosa

Cyst

Mild

Polyp Stromal

[Polyp Stromal TGLS = 3-14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 2

SEX: Female

DAY ON TEST: 687

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Ovary	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Hypertrophy	Focal, Mild
Bone Marrow		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Angiectasis	Focal, Mild
		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
Note: ANGIECTASIS TGLs = 2-14			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-13			
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Salivary Glands	Acinus	Atrophy	Focal, Mild
Uterus	Mucosa	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Skin
Thyroid Gland

Bone
Esophagus
Intestine Small - Duodenum
Lung
Pancreas
Spleen
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Salivary Glands
Thymus

OBSERVATIONS

Adrenal Gland

Heart
Kidney
Liver

Lymph Node

Mammary Gland
[Fibroadenoma TGLS = 1-13]
Pituitary Gland
Stomach
Uterus

[Abscess TGLS = 2-6]
[Cyst TGLS = 2-6]

Capsule, Cortex
Cortex

Mesenteric
Mesenteric

Pars Distalis
Forestomach
Cervix
Cervix

Accessory Adrenal Cortical Nodule
Hyperplasia
Cardiomyopathy
Nephropathy
Basophilic Focus
Granuloma
Hyperplasia
Pigmentation
Fibroadenoma

Cyst
Mineralization
Abscess
Cyst

Minimal
Focal, Minimal
Minimal
Chronic, Mild

Multiple, Minimal
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Mild
Minimal
Marked
Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 2

SEX: Female

DAY ON TEST: 690

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Minimal
		Regeneration	Mild
Note: REGENERATION TGLs = 6-2 [Leukemia Mononuclear TGLS = 6-2]			
Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal

Note: LEUKEMIA MONUC TGLs = 3-14

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 2

SEX: Female

DAY ON TEST: 690

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3737

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 3-14]

Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1-13]

Nose

Nasolacrim Dct

Inflammation

Subacute, Minimal

Ovary

Leukemia Mononuclear

Pancreas

Acinus

Atrophy

Multifocal, Mild

Pituitary Gland

Pars Distalis

Angiectasis

Marked

Pars Distalis

Cyst

Mild

Pars Distalis

Pigmentation

Hemosiderin, Minimal

Note: ANGIECTASIS TGLs = 7-1

[Pigmentation TGLS = 7-1]

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 4-2,5-15

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Hepatodiaphragmatic Nodule	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Biliar Tract	Proliferation	Minimal
Note: ANOM HEPAT LOB TGLs = 5-16			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 7-17			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	Multiple
Note: FIBROADENOMA TGLs = 2-13,3-14			
Note: ADENOCARC TGLs = 4-15			
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3738

ORGAN AND ACCOUNTABLE SITE STATUS

Pars Distalis

Cyst

Mild

Note: CYST TGLs = 6-1

[Angiectasis TGLS = 6-1]

[Cyst TGLS = 6-1]

Spleen

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Skin
Thymus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Spleen
Trachea

Bone
Heart
Intestine Small - Duodenum
Lung
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Uterus

OBSERVATIONS

Clitoral Gland

Note: ADENOMA TGLs = 2-8
[Adenoma TGLS = 2-8]
Kidney
Liver

Note: EOSIN FOCUS TGLs = 4-14
Lymph Node
Mammary Gland
Note: FIBROADENOMA TGLs = 1-13
Pancreas
Pituitary Gland

Note: ADENOMA TGLs = 3-1
[Adenoma TGLS = 3-1]
[Angiectasis TGLS = 3-1]
Thyroid Gland

Duct

Mesenteric
Mesenteric

Acinus
Pars Distalis
Pars Distalis
Pars Distalis

C Cell

Adenoma
Cyst
Hyperplasia

Nephropathy
Basophilic Focus
Eosinophilic Focus
Granuloma

Hyperplasia
Pigmentation
Fibroadenoma

Atrophy
Adenoma
Angiectasis
Pigmentation

Carcinoma

Mild
Mild

Chronic, Mild
Multiple
Multiple, Mild
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Multifocal, Mild
Marked
Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3739

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CARCINOMA TGLs = 5-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Inflammation	Granulomatous, Multifocal, Minimal
[Adenoma TGLS = 4-13]			
Clitoral Gland	Duct	Cyst	Mild
		Hyperplasia	Minimal
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-14]			
[Degeneration TGLS = 1-14]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Ovary		Inflammation	Granulomatous, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 5-1]			
[Angiectasis TGLS = 5-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3740

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 5-1]

[Pigmentation TGLS = 5-1]

Thyroid Gland

C Cell

Hyperplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Salivary Glands
Thymus

Bone
Esophagus
Intestine Small - Duodenum
Lung
Skin
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Ovary
Stomach - Forestomach
Trachea

OBSERVATIONS

Eye
Note: DEGEN TGLs = 1-14
[Cataract TGLS = 1-14]
Heart
Kidney
Note: [NEPHROPATHY] TGLs = 6-5
Liver
Note: LEUKEMIA MONUC TGLs = 7-2
Lymph Node
Mammary Gland
Note: FIBROADENOMA TGLs = 3-13
Nose
Pancreas
Pituitary Gland

Retina
Biliar Tract
Mandibular
Mesenteric
Mesenteric
Nasolacrim Dct
Acinus
Pars Distalis
Pars Distalis

Cataract
Degeneration
Cardiomyopathy
Nephropathy
Basophilic Focus
Granuloma
Leukemia Mononuclear
Necrosis
Proliferation
Ectasia
Hyperplasia
Pigmentation
Fibroadenoma
Inflammation
Atrophy
Adenoma
Angiectasis

Mild
Moderate
Minimal
Chronic, Mild
Multiple
Multiple, Mild
Multifocal, Minimal
Mild
Minimal
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal
Subacute, Minimal
Multifocal, Minimal
Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 42	TRT#: 2	SEX: Female	DAY ON TEST: 729
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3741

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Cyst	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Note: CYST	TGLs = 8-1		
Note: ADENOMA	TGLs = 8-1		
[Adenoma TGLS = 8-1]			
[Cyst TGLS = 8-1]			
Spleen		Leukemia Mononuclear	
Uterus	Cervix, Wall	Hypertrophy	Moderate
Note: HYPERTROPHY	TGLs = 5-6		
Vagina	Wall	Hypertrophy	Moderate
Note: HYPERTROPHY	TGLs = 4-6		

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
Clitoral Gland		Hyperplasia	Minimal
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-15]			
[Degeneration TGLS = 1-15]			
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-13]			
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS TGLs = 3-14			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Note: ADENOMA TGLs = 4-1			
[Adenoma TGLS = 4-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3742

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 4-1]

Uterus

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 2

SEX: Female

DAY ON TEST: 626

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Granuloma	Multiple, Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-13]			
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 2

SEX: Female

DAY ON TEST: 723

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
Liver		Leukemia Mononuclear	
	Biliar Tract	Proliferation	Mild
		Regeneration	Mild
Note: REGENERATION	TGLs = 7-2		
Note: LEUKEMIA MONUC	TGLs = 7-2		
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: LEUKEMIA MONUC	TGLs = 6-14		
Note: LEUKEMIA MONUC	TGLs = 4-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 2

SEX: Female

DAY ON TEST: 723

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A85-3744

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland

Fibroadenoma

Leukemia Mononuclear

Note: FIBROADENOMA TGLs = 3-13

Ovary

Leukemia Mononuclear

Pituitary Gland

Pars Distalis

Cyst

Minimal

Pars Distalis

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 8-1

Note: CYST TGLs = 8-1

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 5-2

Thymus

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 9-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
	Medulla	Pheochromocytoma Complex	
Eye	Retina	Cataract	Moderate
		Degeneration	Moderate
			[Cataract TGLS = 1-14.1]
			[Degeneration TGLS = 1-14.1]
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
			[Fibroadenoma TGLS = 3-13]
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
			[Adenoma TGLS = 4-1]
			[Angiectasis TGLS = 4-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Moderate
	Cortex	Hyperplasia	Focal, Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Note: DEGEN	TGLs = 1-14		
Note: CATARACT	TGLs = 1-14		
Heart		Cardiomyopathy	Minimal
Intestine Large	Cecum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	Mild
	Biliar Tract	Proliferation	Minimal
Note: ANOM HEPAT LOB	TGLs = 3-13		
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3746

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex Cortex	Accessory Adrenal Cortical Nodule Hypertrophy Compression	Mild Focal, Minimal Moderate
Brain		Parasite Metazoan	Mild
Intestine Large	Colon	Cyst	Mild
Kidney	Cortex	Lipoma Nephropathy	Chronic, Marked
Note: TGL 4, UNUSUAL LESION, LIPOMA? [Cyst TGLS = 4-5] [Lipoma TGLS = 4-5]			
Liver		Basophilic Focus Granuloma Proliferation	Multiple Multiple, Minimal Minimal
Lymph Node	Biliar Tract Mandibular Mesenteric Mesenteric	Ectasia Hyperplasia Pigmentation Adenocarcinoma	Minimal Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal Multiple
Mammary Gland			
Note: ADENOCARC TGLs = 2-13+8			
Pancreas	Acinus	Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO: A85-3747

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal

Note: PIGMENT TGLs = 3-1
[Adenoma TGLS = 3-1]
[Angiectasis TGLS = 3-1]

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Hypertrophy	Focal, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild

[Adenoma TGLS = 1-1]

[Angiectasis TGLS = 1-1]

[Cyst TGLS = 1-1]

[Pigmentation TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Bone	Cranium	Osteopetrosis	Mild
Note: OSTEOPETROSIS TGLs = 4-13			
Bone Marrow		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Cholesterol, Multifocal, Minimal
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
Note: DEGEN TGLs = 3-14 [Cataract TGLS = 3-14]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Multiple, Mild
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-15]			
Nose		Foreign Body	Mild
		Fungus	Mild
		Inflammation	Suppurative, Acute, Mild
Ovary		Cyst	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A85-3749

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 5-1
[Adenoma TGLS = 5-1]

Pars Distalis

Cyst

Minimal

Stomach

Glandular

Mineralization

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 61

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Uterus

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Skin
Thymus

Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Spleen
Trachea

OBSERVATIONS

Adrenal Gland
Bone

Note: OSTEOPETROSIS TGLs = 5-13

Medulla
Cranium
Femur
Turbinate

Hyperplasia
Osteopetrosis
Osteopetrosis
Osteopetrosis

Focal, Minimal
Moderate
Mild
Marked

Kidney
Liver

[Mixed Cell Focus TGLS = 3-2]

Nephropathy
Basophilic Focus
Granuloma
Mixed Cell Focus
Pigmentation

Chronic, Moderate
Multiple
Multiple, Minimal
Multiple
Cholesterol, Multifocal, Minimal

Lung
Note: CONGESTION TGLs = 4-3

Pleura

Congestion

Multifocal, Mild

Lymph Node

Note: CHOLESTEROL IN PIGMENTED MACROPHAGES.

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild

Nose
Pancreas
Pituitary Gland
Thyroid Gland

Nasolacrim Dct
Acinus
Pars Distalis
C Cell

Inflammation
Atrophy
Hyperplasia
Adenoma

Subacute, Minimal
Multifocal, Moderate
Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 62

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Urinary Bladder

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Skin
Thymus
Uterus

OBSERVATIONS

Bone

Note: OSTEOPETROSIS TGLs = 8-9

Femur
Turbinate

Osteopetrosis
Osteopetrosis

Marked
Mild

Heart
Kidney

Note: NEPHROPATHY TGLs = 4-5

Papilla, Transit Epithe

Cardiomyopathy
Hyperplasia
Nephropathy

Mild
Minimal
Chronic, Marked

Liver

Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI.
Note: CYSTIC DEGENERATION WITHIN EOSINOPHILIC FOCUS.
[Eosinophilic Focus TGLS = 6-13]
[Mixed Cell Focus TGLS = 5-2,6-13]

Biliar Tract

Basophilic Focus
Degeneration
Eosinophilic Focus
Granuloma
Mixed Cell Focus
Pigmentation
Proliferation

Multiple
Cystic, Focal, Mild

Multiple, Minimal
Multiple
Cholesterol, Multifocal, Minimal
Minimal

Lymph Node

Note: CHOLESTEROL IN PIGMENTED MACROPHAGES.

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Nose
Nasolacrim Dct

Inflammation

Subacute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 62

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3761

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal

Note: ADENOMA TGLs = 7-1

[Adenoma TGLS = 7-1]

[Angiectasis TGLS = 7-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 63

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Accessory Adrenal Cortical Nodule	Minimal
	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Bone	Cranium	Osteopetrosis	Moderate
	Femur	Osteopetrosis	Moderate
	Turbinates	Osteopetrosis	Marked
Note: OSTEOPETROSIS	TGLs = 4-13.1		
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
Note: CHOLESTEROL IN GRANULOMA IN MIXED CELL FOCUS.			
Note: MIXED CL FOCUS	TGLs = 2-2		
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN PIGMENTED MACROPHAGES.			
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 63

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3762

ORGAN AND ACCOUNTABLE SITE STATUS

Pars Distalis

Pigmentation

Hemosiderin, Minimal

Note: PIGMENT TGLs = 5-1
Note: ANGIECTASIS TGLs = 5-1
Note: ADENOMA TGLs = 5-1

Salivary Glands

Acinus

Atrophy

Focal, Minimal

Thyroid Gland

C Cell

Hyperplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 64

TRT#: 4

DOSE: 2.5%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: A85-3763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Hyperplasia	Focal, Minimal
Bone Marrow		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
		Pigmentation	Cholesterol, Multifocal, Mild
Intestine Large	Cecum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY TGLs = 5-5			
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
Note: MIXED CL FOCUS TGLs = 6-2			
Note: CHOLESTEROL IN GRANULOMA IN MIXED CELL FOCUS.			
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: CHOLESTEROL IN PIGMENTED MACROPHAGES.			
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA TGLs = 3-13,4-14			
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 64

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3763

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

Pars Distalis

Angiectasis

Mild

C Cell

Hyperplasia

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 65

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Moderate
	Cortex	Hyperplasia	Focal, Moderate
	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Hypertrophy	Focal, Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Minimal
Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI. [Mixed Cell Focus TGLS = 5-2]			
Lung	Pleura	Congestion	Multifocal, Mild
[Congestion TGLS = 6-3]			
Lymph Node	Mediastinal	Congestion	Minimal
	Mandibular	Ectasia	Minimal
	Mediastinal	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN PIGMENTED MACROPHAGES.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 65	TRT#: 4 DOSE: 2.5%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A85-3764
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ORGAN AND ACCOUNTABLE SITE STATUS

[Congestion TGLS = 7-3]			
[Ectasia TGLS = 7-3]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-13]			
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
		Inflammation	Suppurative, Acute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 8-1]			
[Angiectasis TGLS = 8-1]			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 66

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Bone	Femur	Osteopetrosis	Mild
Heart		Cardiomyopathy	Minimal
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	
		Granuloma	Multiple, Moderate
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Mild
	Biliar Tract	Proliferation	Minimal
Note: CHOLESTEROL IN GRANULOMA IN MIXED CELL FOCUS. [Mixed Cell Focus TGLS = 4-2]			
Lung	Alveolar Epith	Hyperplasia	Focal, Moderate
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: CHOLESTEROL IN PIGMENTED MACROPHAGES.			
Pancreas	Acinus	Atrophy	Multifocal, Mild
	Duct	Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 66

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3765

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ANGIECTASIS TGLs = 5-1

Note: ADENOMA TGLs = 5-1

Note: CYST TGLs = 5-1

Thyroid Gland

C Cell

Hyperplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GOOD EXAMPLE OF LIVER LESIONS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 67

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
	Biliar Tract	Dilatation	Focal, Minimal
		Granuloma	Multiple, Mild
		Hepatocellular Adenoma	
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Minimal
Note: HEPATOCLR ADEN TGLs = 3-14			
Note: DILATATION OF BILIARY TRACT ON SLIDE #14.			
Note: MIXED CL FOCUS TGLs = 2-3			
Note: CHOLESTEROL IN GRANULOMAS IS MIXED CELL FOCI.			
Note: ADENOMA SIMILAR TO MIXED CELL FOCUS.			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: CHOLESTEROL IN PIGMENTED MACROPHAGES.			
Mammary Gland		Adenoma	
Note: ADENOMA TGLs = 1-13			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 67

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3766

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary

Cyst

Mild

Pituitary Gland

Pars Distalis

Cyst

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GOOD CASE TO STUDY MIXED CELL FOCI.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 68

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Ovary	Parathyroid Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Accessory Adrenal Cortical Nodule	Minimal
	Cortex	Hyperplasia	Focal, Minimal
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Granuloma	Multiple, Mild
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Moderate
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN PIGMENTED MACROPHAGES.			
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands	Acinus	Atrophy	Multifocal, Minimal
Uterus	Cervix	Abscess	Marked
	Cervix	Cyst	Marked
		Polyp Stromal	

Note: CYST TGLs = 4-13

Note: ABSCESS TGLs = 4-13

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 68

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3767

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 69

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Hyperplasia	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Basophilic Focus	
		Dilatation	Focal, Minimal
		Granuloma	Multiple, Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN PIGMENTED MACROPHAGES.			
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 70

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Lung
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Spleen
Thyroid Gland

OBSERVATIONS

Heart
Kidney

Papilla, Transit Epithe

Cardiomyopathy
Hyperplasia
Nephropathy

Minimal
Minimal
Chronic, Moderate

Note: NEPHROPATHY TGLs = 5-5

Liver

Basophilic Focus
Degeneration
Granuloma
Mixed Cell Focus
Pigmentation

Multiple
Cystic, Multifocal, Minimal
Multiple, Minimal
Multiple
Cholesterol, Multifocal, Minimal

Note: MIXED CL FOCUS TGLs = 6-2

Note: MIXED CELL FOCUS ALMOST AN ADENOMA.

Note: CHOLESTEROL IN GRANULOMAS.

Note: CYSTIC DEGENERATION IN MIXED CELL FOCUS.

Lymph Node

Mandibular
Mesenteric
Pancreatic
Mesenteric
Pancreatic
Mesenteric
Mesenteric
Pancreatic

Ectasia
Ectasia
Ectasia
Hyperplasia
Hyperplasia
Necrosis
Pigmentation
Pigmentation

Minimal
Mild
Mild
Macrophage, Multifocal, Mild
Macrophage, Multifocal, Mild
Multifocal, Mild
Cholesterol, Multifocal, Mild
Cholesterol, Multifocal, Mild

Note: CHOLESTEROL IN PIGMENTED MACROPHAGES.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 70

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3769

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Cyst	
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Salivary Glands	Acinus	Atrophy	Multifocal, Minimal
Uterus		Dilatation	Mild
		Polyp Stromal	

Note: POLYP STROMAL TGLs = 4-13

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 71

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Small - Jejunum
Ovary
Spleen
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Islets, Pancreatic
Parathyroid Gland
Stomach - Forestomach
Uterus

Brain
Intestine Small - Duodenum
Lung
Salivary Glands
Thymus

Clitoral Gland
Intestine Small - Ileum
Lymph Node - Mandibular
Skin
Trachea

OBSERVATIONS

Adrenal Gland
Bone

Cortex
Cranium
Femur
Turbinate

Hypertrophy
Osteopetrosis
Osteopetrosis
Osteopetrosis

Focal, Minimal
Moderate
Marked
Marked

[Osteopetrosis TGLS = 5-15]

[Osteopetrosis TGLS = 8-9]

Eye

Retina

Cataract
Degeneration

Moderate
Marked

[Cataract TGLS = 1-16]

[Degeneration TGLS = 1-16]

Heart

Intestine Large

Colon
Rectum

Cardiomyopathy
Parasite Metazoan
Parasite Metazoan
Nephropathy
Basophilic Focus
Eosinophilic Focus
Granuloma
Mixed Cell Focus
Pigmentation

Minimal
Mild
Mild
Chronic, Mild
Multiple
Multiple, Minimal
Multiple
Cholesterol, Multifocal, Minimal

Note: SLIDE #14 GODD EXAMPLE OF CHOLESTEROL IN GRANULOMAS.

Note: CHOLESTEROL IN GRANULOMA IS MIXED CELL FOCI.

[Mixed Cell Focus TGLS = 4-14+2]

Lymph Node

Pancreatic

Ectasia

Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 71

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3770

ORGAN AND ACCOUNTABLE SITE STATUS

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Note: CHOLESTEROL IN MACROPHAGES.

Note: SLIDE #4, GOOD EXAMPLE OF CHOLESTEROL IN MENSENTERIC NODE.

[Ectasia TGLS = 7-4]

Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 3-13]

Nose

Nasolacrim Dct

Inflammation

Subacute, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Pituitary Gland

Pars Distalis

Angiectasis

Mild

Pars Distalis

Cyst

Mild

Pars Distalis

Hyperplasia

Focal, Minimal

Stomach

Glandular

Mineralization

Minimal

Thyroid Gland

C Cell

Adenoma

Follicle

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 72

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Colon

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Marked
	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
Note: DEGEN	TGLs = 5-8		
Bone	Femur	Osteopetrosis	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	
		Granuloma	Multiple, Minimal
		Hepatodiaphragmatic Nodule	Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Minimal
Note: ANOM HEPAT LOB	TGLs = 4-13		
Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCUS.			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 6-3		
Lymph Node	Mandibular	Congestion	Mild
	Mandibular	Ectasia	Mild
	Mediastinal	Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 72	TRT#: 4 DOSE: 2.5%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A85-3771
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ORGAN AND ACCOUNTABLE SITE STATUS

Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
Mesenteric	Necrosis	Multifocal, Mild
Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Pancreas	Atrophy	Multifocal, Mild
Pituitary Gland	Hyperplasia	Focal, Minimal
Spleen	Fibrosis	Focal, Mild
Uterus	Abscess	Moderate
	Cyst	Moderate

Note: CHOLESTEROL IN MACROPHAGES.

[Abscess TGLS = 1-14]

[Cyst TGLS = 1-14]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 73

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Hyperplasia	Focal, Minimal
Clitoral Gland		Adenoma	
	Duct	Cyst	Mild
		Inflammation	Subacute, Mild
Note: ADENOMA	TGLs = 3-13		
Note: CYST	TGLs = 3-13		
Note: INFLAMMATION	TGLs = 3-13		
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Hepatodiaphragmatic Nodule	Mild
		Mixed Cell Focus	Multiple
Note: MIXED CL FOCUS	TGLs = 4-2		
Note: ANOM HEPAT LOB	TGLs = 5-14		
Lung	Pleura	Congestion	Multifocal, Minimal
Note: CONGESTION	TGLs = 6-3		
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN MACROPHAGES.			
Pancreas	Acinus	Atrophy	Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 73	TRT#: 4 DOSE: 2.5%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A85-3772
ORGAN AND ACCOUNTABLE SITE STATUS			
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 74

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Hypertrophy	Focal, Mild
Bone Marrow		Hyperplasia	Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Marked
			[Cataract TGLS = 1-13]
			[Degeneration TGLS = 1-13]
Heart		Cardiomyopathy	Mild
		Inflammation	Subacute, Focal, Minimal
Intestine Large	Colon	Parasite Metazoan	Mild
	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Multiple, Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Mild
	Biliar Tract	Proliferation	Minimal
			Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCUS.
			[Mixed Cell Focus TGLS = 5-2]
Lung	Mediastinum	Inflammation	Chronic, Mild
Lymph Node	Mediastinal	Congestion	Moderate
	Mandibular	Ectasia	Mild
	Mediastinal	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 74

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3773

ORGAN AND ACCOUNTABLE SITE STATUS

Mesenteric

Necrosis

Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Marked

Note: SLIDE 4, GOOD EXAMPLE OF CHOLESTEROL IN MESENTERIC NODE.

Note: CHOLESTEROL IN MACROPHAGES.

Note: ECTASIA TGLs = 6-3

Note: CONGESTION TGLs = 6-3

Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 3-7]

Mesentery

Inflammation

Chronic, Mild

Note: INFLAMMATION ON SLIDE 4 WITH INTESTINES.

Pancreas

Acinus

Atrophy

Multifocal, Mild

Salivary Glands

Acinus

Atrophy

Multifocal, Mild

Uterus

Cervix

Abscess

Marked

Cervix

Cyst

Marked

[Abscess TGLS = 4-6]

[Cyst TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 75

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Skin
Stomach - Fore stomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
	Cortex	Hypertrophy	Focal, Mild
Bone Marrow		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Cholesterol, Multifocal, Minimal
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
	[Cataract TGLS = 1-15] [Degeneration TGLS = 1-15]		
Heart		Cardiomyopathy	Minimal
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
		Basophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Mixed Cell Focus	Multiple
Liver		Pigmentation	Cholesterol, Multifocal, Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild

Note: CHOLESTEROL IN GRANULOMAS.
 Note: [BASOPH FOCUS] TGLs = 5,6-14+2
 Note: MIXED CL FOCUS TGLs = 6-14+2

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 75

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3774

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CHOLESTEROL IN MACROPHAGES.	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Ovary		Cyst	Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Note: PIGMENT TGLs = 4-1			
Note: ANGIECTASIS TGLs = 4-1			
Note: ADENOMA TGLs = 4-1			
Salivary Glands	Acinus	Atrophy	Multifocal, Minimal
Spleen		Sarcoma	
Note: [SARCOMA] TGLs = 3-13			
Thyroid Gland	Follicular Cel	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 76

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Skin
Thymus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Small - Duodenum
Lung
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Heart
Kidney
Liver

Cardiomyopathy
Nephropathy
Degeneration
Eosinophilic Focus
Granuloma
Mixed Cell Focus
Pigmentation
Proliferation

Minimal
Chronic, Moderate
Cystic, Multifocal, Mild

Multiple, Moderate
Multiple
Cholesterol, Multifocal, Mild
Minimal

Biliar Tract

Note: CHOLESTEROL IN GRANULOMAS.

Note: DEGENERATION IN MIXED CELL FOCUS (SLIDE 14).

Note: [MIXED CL FOCUS] TGLs = 5,6-2+13

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild

Note: CHOLESTEROL IN MACROPHAGES.

Nose

Nasolacrim Dct

Inflammation

Subacute, Minimal

Ovary

Cyst

Moderate

[Cyst TGLS = 3-6]

Pituitary Gland

Pars Distalis

Cyst

Mild

Uterus

Dilatation

Moderate

[Dilatation TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 77

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Urinary Bladder

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Skin
Thymus

OBSERVATIONS

Bone

Note: OSTEOPETROSIS TGLs = 7-9

Femur
Turbinate

Osteopetrosis
Osteopetrosis

Moderate
Moderate

Heart
Kidney

Liver

Note: CYSTIC DEGENERATION IN MIXED CELL FOCUS.
Note: MIXED CL FOCUS TGLs = 5-2,6-15
Note: CHOLESTEROL IN GRANULOMAS.

Papilla, Transit Epithe

Biliar Tract

Cardiomyopathy
Hyperplasia
Nephropathy
Basophilic Focus
Degeneration
Eosinophilic Focus
Granuloma
Mixed Cell Focus
Pigmentation
Proliferation

Minimal
Minimal
Chronic, Marked

Cystic, Focal, Mild

Multiple, Mild
Multiple
Cholesterol, Multifocal, Minimal
Minimal

Lymph Node

Note: PIGMENT IN MACROPHAGES.

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Mild

Mammary Gland
Note: FIBROADENOMA TGLs = 3-13

Fibroadenoma

Pancreas
Acinus

Atrophy

Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 77

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3776

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Duct	Hyperplasia	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Uterus	Cervix	Abscess	Marked
	Cervix	Cyst	Marked
		Polyp Stromal	

Note: CYST TGLs = 4-14.1

Note: ABSCESS TGLs = 4-14.1

PRIMARY CAUSE OF DEATH

-

Animal Note: GOOD EXAMPLE OF LIVER LESIONS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 78

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
	[Nephropathy TGLS = 5-5]		
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
	Note: MIXED CL FOCUS TGLs = 6-2,7-2		
	Note: CHOLESTEROL IN GRANULOMAS.		
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
	Note: CHOLESTEROL IN MACROPHAGES.		
Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 4-13]		
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	Multiple, Two
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Minimal
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 79

TRT#: 4

SEX: Female

DAY ON TEST: 611

DOSE: 2.5%

DISP: Dead

HISTO: A85-3778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Spleen
Thyroid Gland

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Adrenal Gland
[Hemangiosarcoma TGLS = 5-8]

Cortex

Hemangiosarcoma

Heart
Kidney
Liver

Cardiomyopathy
Nephropathy
Basophilic Focus
Eosinophilic Focus
Hepatocellular Adenoma

Minimal
Chronic, Mild

Note: HEPATOCLR ADEN TGLs = 6-2

Lymph Node

Mediastinal
Mesenteric
Mesenteric

Congestion
Hyperplasia
Pigmentation

Mild
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Pituitary Gland

Pars Distalis
Pars Distalis

Cyst
Hyperplasia

Mild
Focal, Mild

Uterus

Mucosa

Cyst
Polyp Stromal

Moderate

Note: CYST TGLs = 7-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 80

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Ovary	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 7-8			
Note: ANGIECTASIS TGLs = 7-8			
Eye		Cataract	Mild
	Retina	Degeneration	Mild
	Antr Chamber	Hemorrhage	Mild
[Cataract TGLS = 6-15]			
[Degeneration TGLS = 6-15]			
[Hemorrhage TGLS = 6-15]			
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
	Pelvis, Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Chronic, Marked
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
Note: CHOLESTEROL IN GRANULOMA.			
[Mixed Cell Focus TGLS = 5-2]			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 80

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3779

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pancreas	Acinus	Atrophy Basophilic Focus	Multifocal, Minimal
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Salivary Glands	Acinus	Atrophy	Multifocal, Minimal
Uterus	Endometrium	Hyperplasia Polyp Stromal	Cystic, Mild Multiple, Two

[Polyp Stromal TGLS = 3-13,4-14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 81

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Minimal
Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI. [Mixed Cell Focus TGLS = 3-2]			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: PIGMENT IN MACROPHAGES.			
Pancreas	Acinus	Atrophy	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
Uterus	Mucosa	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 82

TRT#: 4

DOSE: 2.5%

SEX: Female

DISP: Moribund

DAY ON TEST: 519

HISTO: A85-3781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Bone Marrow		Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 7-9			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Eosinophilic Focus	
	Biliar Tract	Granuloma	Multiple, Minimal
Note: [GRANULOMA] TGLs = 6-15		Proliferation	Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN MACROPHAGES.			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-2]			
Uterus		Dilatation	Mild
		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 3-13,4-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 83

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Clitoral Gland

Esophagus

Intestine Large - Cecum

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Mammary Gland

Ovary

Parathyroid Gland

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Thymus

Trachea

Urinary Bladder

Uterus

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Minimal

Cortex

Pigmentation

Cholesterol, Multifocal, Mild

Heart

Cardiomyopathy

Minimal

Intestine Large

Colon

Parasite Metazoan

Mild

Kidney

Nephropathy

Chronic, Moderate

Liver

Basophilic Focus

Multiple

Granuloma

Multiple, Mild

Mixed Cell Focus

Multiple

Pigmentation

Cholesterol, Multifocal, Minimal

Proliferation

Minimal

Biliar Tract

Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI.

Note: MIXED CL FOCUS TGLs = 4-2

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Nose

Nasolacrim Dct

Inflammation

Subacute, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Mild

Pituitary Gland

Pars Distalis

Cyst

Mild

Thyroid Gland

C Cell

Hyperplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 84

TRT#: 4

DOSE: 2.5%

SEX: Female

DISP: Moribund

DAY ON TEST: 711

HISTO: A85-3783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Hypertrophy	Focal, Minimal
Bone	Cranium	Osteopetrosis	Moderate
	Femur	Osteopetrosis	Mild
	Turbinates	Osteopetrosis	Moderate
Note: OSTEOPETROSIS TGLs = 7-14			
Bone Marrow		Myelofibrosis	Minimal
Brain		Compression	Mild
		Hydrocephalus	Mild
Note: HYDROCEPHALUS TGLs = 9-1			
Note: COMPRESSION TGLs = 9-1			
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Note: NEPHROPATHY TGLs = 6-5			
Liver	Biliar Tract	Proliferation	Minimal
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN MACROPHAGES.			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 4-13			
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 84

TRT#: 4

SEX: Female

DAY ON TEST: 711

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3783

ORGAN AND ACCOUNTABLE SITE STATUS

Pars Distalis

Angiectasis

Moderate

Pars Distalis

Cyst

Moderate

Note: ADENOMA TGLs = 8-1

Note: ANGIECTASIS TGLs = 8-1

Note: CYST TGLs = 8-1

Uterus

Mucosa

Cyst

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 85

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Bone Marrow

Brain

Clitoral Gland

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lung

Nose

Ovary

Parathyroid Gland

Salivary Glands

Skin

Stomach - Forestomach

Stomach - Glandular

Thymus

Trachea

Urinary Bladder

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Minimal

Bone

Cranium

Osteopetrosis

Moderate

Femur

Osteopetrosis

Mild

Turbinates

Osteopetrosis

Marked

Note: OSTEOPETROSIS TGLs = 5-14

Heart

Cardiomyopathy

Mild

Kidney

Nephropathy

Chronic, Moderate

Liver

Granuloma

Multiple, Mild

Leukemia Mononuclear

Mixed Cell Focus

Multiple

Pigmentation

Cholesterol, Multifocal, Minimal

Proliferation

Minimal

Biliar Tract

Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI.

[Mixed Cell Focus TGLS = 3-2]

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Moderate

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Fibroadenoma

Mammary Gland

[Fibroadenoma TGLS = 2-13]

Pancreas

Acinus

Atrophy

Multifocal, Mild

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Angiectasis

Moderate

Pars Distalis

Cyst

Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 85

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3784

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 6-1

[Adenoma TGLS = 6-1]

Spleen

Leukemia Mononuclear

Thyroid Gland

Follicular Cel

Adenoma

Uterus

Dilatation

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 86

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
	Biliar Tract	Dilatation	Focal, Mild
		Granuloma	Multiple, Mild
		Hepatocellular Adenoma	
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Mild
Note: MIXED CL FOCUS TGLs = 4-2+13			
Note: HEPATOCLR ADEN TGLs = 5-13			
Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI.			
Note: DILATATION OF BILARY TRACT ON SLIDE 13.			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN MACROPHAGES.			
Nose		Foreign Body	Mild
		Fungus	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 86

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3785

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Inflammation	Suppurative, Acute, Mild
Pituitary Gland	Pars Distalis	Atrophy	Multifocal, Marked
	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Stomach	Glandular	Pigmentation	Hemosiderin, Minimal
Thyroid Gland	Follicle	Mineralization	Minimal
Uterus		Cyst	Minimal
		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 87

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lung

Mammary Gland

Nose

Parathyroid Gland

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Trachea

Urinary Bladder

OBSERVATIONS

Clitoral Gland

Duct

Cyst

Mild

Hyperplasia

Mild

Inflammation

Subacute, Mild

Heart

Cardiomyopathy

Minimal

Intestine Large

Rectum

Polyp Adenomatous

Note: POLYP ADENOMAT TGLs = 3-13

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Moderate

Liver

Basophilic Focus

Multiple

Granuloma

Multiple, Mild

Mixed Cell Focus

Multiple

Pigmentation

Cholesterol, Multifocal, Minimal

Note: MIXED CL FOCUS TGLs = 4-2

Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI.

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Pancreatic

Hyperplasia

Macrophage, Multifocal, Moderate

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Pancreatic

Pigmentation

Cholesterol, Multifocal, Moderate

Note: CHOLESTEROL IN MACROPHAGES.

Ovary

Cyst

Marked

Pancreas

Acinus

Atrophy

Multifocal, Moderate

Pituitary Gland

Pars Distalis

Angiectasis

Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 87	TRT#: 4 DOSE: 2.5%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A85-3786
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ORGAN AND ACCOUNTABLE SITE STATUS			
Thymus	Pars Distalis	Hyperplasia Cyst	Focal, Mild Mild
Thyroid Gland	Artery, Mediastinum	Inflammation	Subacute, Mild
Uterus	C Cell Mucosa	Hyperplasia Cyst	Focal, Minimal Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 88

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
Heart		Cardiomyopathy	Mild
Intestine Large	Wall	Inflammation	Subacute, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Hepatocellular Adenoma	
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Mild
	Biliar Tract	Proliferation	Minimal
Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI.			
Note: MIXED CL FOCUS TGLs = 2-2			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Necrosis	Focal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Pituitary Gland	Pars Distalis	Cyst	Mild
Salivary Glands	Acinus	Atrophy	Multifocal, Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: GOOD EXAMPLE OF MIXED CELL FOCI, GRANULOMAS AND CHOLESTEROL.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 89

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Marked
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Minimal
Note: CHOLESTEROL IN GRANULOMA. [Mixed Cell Focus TGLS = 4-2]			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN MACROPHAGES.			
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 2-13]			
Nose		Foreign Body	Mild
	Nasolacrim Dct	Inflammation	Subacute, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Mild
Spleen		Fibrosis	Focal, Mild
Note: FIBROSIS HAS SIMILARITIES TO SARCOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 89

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3788

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 90

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Ovary
Skin
Thymus

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Spleen
Thyroid Gland

OBSERVATIONS

Adrenal Gland
Kidney
Note: NEPHROPATHY TGLs = 4-5
Liver

Cortex

Hyperplasia
Nephropathy

Focal, Mild
Chronic, Minimal

Basophilic Focus
Granuloma
Hepatocellular Adenoma
Mixed Cell Focus
Pigmentation
Proliferation

Multiple
Multiple, Moderate
Multiple
Cholesterol, Multifocal, Mild
Minimal

Biliar Tract

Note: ADENOMA ARISING WITHIN MIXED CELL FOCUS.
[Hepatocellular Adenoma TGLS = 6-13]
[Mixed Cell Focus TGLS = 5-2,6-13,7-14]

Lymph Node
Note: CHOLESTEROL IN MACROPHAGES.

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild

Pituitary Gland
Uterus

Pars Distalis

Cyst
Dilatation

Minimal
Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: GOOD CASE OF MIXED CELL FOCI, GRANULOMAS AND CHOLESTEROL.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 91

TRT#: 4

DOSE: 2.5%

SEX: Female

DISP: Moribund

DAY ON TEST: 687

HISTO: A85-3790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Skin
Thyroid Gland

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Spleen
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Salivary Glands
Thymus

OBSERVATIONS

Adrenal Gland

Cortex
Cortex

Degeneration
Hyperplasia

Fatty, Focal, Minimal
Focal, Minimal

Eye

Retina

Cataract
Degeneration

Moderate
Moderate

Note: CATARACT TGLs = 1-13

Note: DEGEN TGLs = 1-13

Kidney

Papilla, Transit Epithe

Hyperplasia
Nephropathy

Minimal
Chronic, Marked

Note: NEPHROPATHY TGLs = 6-5

Liver

Biliar Tract

Basophilic Focus
Eosinophilic Focus
Granuloma
Mixed Cell Focus
Pigmentation
Proliferation
Vacuolization Cytoplasmic

Multiple, Minimal
Multiple
Cholesterol, Multifocal, Minimal
Minimal
Diffuse, Mild

Note: MIXED CL FOCUS TGLs = 7-2+14

Note: CHOLESTEROL IN EOSINOPHILIC FOCUS.

Lymph Node

Mandibular
Mesenteric
Mesenteric

Ectasia
Hyperplasia
Pigmentation

Mild
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild

Note: CHOLESTEROL IN MACROPHAGES.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 91

TRT#: 4

SEX: Female

DAY ON TEST: 687

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3790

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
	Forestomach	Ulcer	Moderate
Uterus	Mucosa	Cyst	Mild

Note: CYST TGLs = 5-6+6.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 92

TRT#: 4

DOSE: 2.5%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: A85-3791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Clitoral Gland Note: CYST TGLs = 7-8	Duct	Cyst	Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Hepatocellular Adenoma	
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Minimal
Note: HEPATOCLR ADEN TGLs = 4-2			
Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI.			
Note: MIXED CL FOCUS TGLs = 4-2			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 6-3			
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN MACROPHAGES.			
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Ovary		Cyst	Mild
Pituitary Gland	Pars Distalis	Cyst	Moderate
Thyroid Gland	Follicle	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 92

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3791

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Dilatation

Moderate

Polyp Stromal

Note: POLYP STROMAL TGLs = 3-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 93

TRT#: 4

SEX: Female

DAY ON TEST: 427

DOSE: 2.5%

DISP: Dead

HISTO: A84-32574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Thyroid Gland
Trachea	Uterus		

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Hydronephrosis	Mild
		Mineralization	Multifocal, Moderate
	Papilla	Necrosis	Moderate
[Necrosis TGLS = 6-7]			
Liver		Eosinophilic Focus	
Lymph Node			
Note: ALTHOUGH MANDIBULAR IS MISSING	MESENTERIC IS NORMAL.		
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Spleen		Atrophy	Moderate
Stomach	Glandular	Mineralization	Mild
Thymus		Atrophy	Marked
Urinary Bladder		Calculus Micro Observation Only	
	Mucosa	Hemorrhage	Multifocal, Mild
		Hyperplasia	Marked
Note: HYPERPLASIA	TGLs = 5-8		
[Calculus Micro Observation Only	TGLS = 4-8]		
[Hemorrhage	TGLS = 5-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 94

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone
Esophagus
Intestine Small - Duodenum
Lung
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Skin
Thymus

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Spleen
Thyroid Gland

OBSERVATIONS

Adrenal Gland

Heart
Kidney
Liver

Medulla
Medulla

Biliar Tract

Hyperplasia
Pheochromocytoma Benign
Cardiomyopathy
Nephropathy
Granuloma
Mixed Cell Focus
Pigmentation
Proliferation

Focal, Mild

Minimal
Chronic, Marked
Multiple, Minimal
Multiple
Cholesterol, Multifocal, Minimal
Minimal

Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI.

Note: MIXED CL FOCUS TGLs = 4-2

Lymph Node

Nose
Pancreas
Salivary Glands
Uterus

Mandibular
Mesenteric
Mesenteric
Nasolacrim Dct
Acinus
Acinus
Cervix
Cervix

Ectasia
Hyperplasia
Pigmentation
Inflammation
Atrophy
Atrophy
Abscess
Cyst
Dilatation
Polyp Stromal

Minimal
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild
Subacute, Minimal
Multifocal, Marked
Focal, Minimal
Marked
Marked
Moderate

Note: ABSCESS TGLs = 2-13

Note: CYST TGLs = 2-13

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 94

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3793

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 95

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Spleen
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Parathyroid Gland
Stomach - Forestomach

Bone
Heart
Intestine Small - Ileum
Lymph Node - Mandibular
Salivary Glands
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Mammary Gland
Skin
Trachea

OBSERVATIONS

Clitoral Gland
Intestine Large
Kidney
Liver

Duct
Colon

Cyst
Parasite Metazoan
Nephropathy
Basophilic Focus
Degeneration
Eosinophilic Focus
Granuloma
Mixed Cell Focus
Pigmentation

Moderate
Mild
Chronic, Moderate
Cystic, Focal, Mild
Multiple, Mild
Multiple
Cholesterol, Multifocal, Minimal

Note: DEGEN TGLs = 3-2

Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCUS.

Note: CYSTIC DEGENERATION IN EOSINOPHILIC FOCUS.

[Eosinophilic Focus TGLS = 3-2]

[Mixed Cell Focus TGLS = 3-2]

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild

Note: CHOLESTEROL IN MACROPHAGES.

Nose

Foreign Body
Inflammation

Mild
Suppurative, Acute, Mild

Pancreas

Acinus

Atrophy

Multifocal, Mild

Pituitary Gland

Pars Distalis

Hyperplasia

Focal, Mild

Stomach

Glandular

Mineralization

Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 95

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3794

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma

Pigmentation

Cholesterol, Focal, Mild

Note: CHOLESTEROL CLEFTS IN C-CELL ADENOMA.

Uterus

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 96

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Hyperplasia	Multifocal, Mild
Bone Marrow		Histiocytic Sarcoma	
Note: UNUSUAL AND DIFFICULT LESION.			
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	
		Granuloma	Multiple, Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI.			
Note: MIXED CL FOCUS TGLs = 4-2+2.1			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN MACROPHAGES.			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2-13			
Mesentery	Fat	Necrosis	Focal, Moderate
Note: NECROSIS TGLs = 3-14			
Nose	Nasolacrim Dct	Foreign Body	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 96

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3795

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Nasolacrim Dct	Inflammation	Subacute, Mild
Thyroid Gland	Acinus	Atrophy	Multifocal, Mild
Urinary Bladder	C Cell	Hyperplasia	Focal, Minimal
	Mucosa	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MIXED CELL FOCI.

Animal Note: SLIDE 2.1 GOOD TO PHOTOGRAPH CHOLESTEROL GRANULOMA IN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 97

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Salivary Glands
Stomach - Glandular
Uterus

Brain
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Skin
Thymus

Clitoral Gland
Intestine Small - Duodenum
Lung
Parathyroid Gland
Spleen
Trachea

Esophagus
Intestine Small - Ileum
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Adrenal Gland
Bone

Cortex
Cranium
Femur
Turbinate

Hyperplasia
Osteopetrosis
Osteopetrosis
Osteopetrosis

Focal, Minimal
Mild
Moderate
Marked

Note: OSTEOPETROSIS TGLs = 7-2

Bone Marrow

Hyperplasia
Infiltration Cellular
Pigmentation
Cataract
Degeneration

Mild
Histiocyte, Mild
Cholesterol, Multifocal, Mild
Marked
Marked

Eye

Retina

[Cataract TGLS = 3-14]

[Degeneration TGLS = 3-14]

Heart

Intestine Large
Kidney
Liver

Cecum

Cardiomyopathy
Parasite Metazoan
Nephropathy
Basophilic Focus
Granuloma
Mixed Cell Focus
Pigmentation

Mild
Mild
Chronic, Moderate
Multiple
Multiple, Mild
Cholesterol, Multifocal, Minimal

Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI.

[Mixed Cell Focus TGLS = 6-2]

Lymph Node

Mandibular

Ectasia

Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 97	TRT#: 4 DOSE: 2.5%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A85-3796
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ORGAN AND ACCOUNTABLE SITE STATUS			
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN MACROPHAGES. Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH	-
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Animal Note: SLIDE #2 GOOD TO PHOTOGRAPH CHOLESTEROL IN MIXED CELL FOCI.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 98

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Capsule, Cortex Cortex Cortex Medulla	Accessory Adrenal Cortical Nodule Degeneration Hyperplasia Hyperplasia Hyperplasia	Mild Fatty, Focal, Moderate Focal, Minimal Focal, Minimal Moderate
Clitoral Gland		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Papilla, Transit Epithe	Hyperplasia Nephropathy	Chronic, Marked
Note: NEPHROPATHY TGLs = 5-5			
Liver		Basophilic Focus Granuloma Hepatodiaphragmatic Nodule Mixed Cell Focus Pigmentation Proliferation	Multiple Multiple, Minimal Moderate Multiple Cholesterol, Multifocal, Minimal Minimal
Note: MIXED CL FOCUS TGLs = 6-2			
Note: ANOM HEPAT LOB TGLs = 4-13			
Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI.			
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation	Macrophage, Multifocal, Mild Cholesterol, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 98	TRT#: 4 DOSE: 2.5%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A85-3797
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pars Distalis Pars Distalis	Hyperplasia Pigmentation	Focal, Mild Hemosiderin, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 99

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Minimal
Note: CHOLESTEROL IN GRANULOMAS.			
Note: MIXED CL FOCUS TGLs = 2-2			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 100

TRT#: 4

SEX: Female

DAY ON TEST: 477

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Brain [Compression TGLS = 5-1]		Compression	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Moderate
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Mesentery [Necrosis TGLS = 3-13]	Fat	Necrosis	Focal, Marked
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	Moderate
Spleen		Fibrosis	Focal, Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 101

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Skin
Thymus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Spleen
Trachea

Bone
Esophagus
Intestine Small - Duodenum
Lung
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Uterus

OBSERVATIONS

Heart
Kidney
Liver

Valve

Inflammation
Nephropathy
Basophilic Focus
Granuloma
Mixed Cell Focus
Pigmentation
Proliferation

Subacute, Mild
Chronic, Moderate
Multiple, Minimal
Multiple
Cholesterol, Multifocal, Minimal
Minimal

Note: CHOLESTEROL IN GRANULOMAS.
[Mixed Cell Focus TGLS = 4-2]

Biliar Tract

Lymph Node

Mesenteric
Mesenteric
Mesenteric

Ectasia
Hyperplasia
Pigmentation

Minimal
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild

Note: CHOLESTEROL IN MACROPHAGES.

Ovary

[Cyst TGLS = 3-6+6.1]

Cyst

Moderate

Pancreas

Acinus

Atrophy

Multifocal, Moderate

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Angiectasis

Mild

Thyroid Gland

C Cell

Hyperplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 102

TRT#: 4

SEX: Female

DAY ON TEST: 574

DOSE: 2.5%

DISP: Dead

HISTO: A85-3801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Ovary
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Clitoral Gland
Lymph Node - Mandibular
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Esophagus
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Large - Colon
Islets, Pancreatic

Intestine Small - Duodenum
Kidney

Intestine Small - Ileum
Pancreas

Intestine Small - Jejunum

OBSERVATIONS

Heart

Liver
Lung
[Infiltration Cellular TGLS = 4-3]
Lymph Node

Atrium

Mediastinal

Inflammation
Thrombosis
Basophilic Focus
Infiltration Cellular

Congestion

Subacute, Focal, Moderate
Marked

Histiocyte, Diffuse, Mild

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 103

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Cholesterol, Multifocal, Minimal
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-14]			
[Degeneration TGLS = 1-14]			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	
		Granuloma	Multiple, Mild
		Mixed Cell Focus	
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Minimal
Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI.			
[Mixed Cell Focus TGLS = 6-2]			
Lung	Alveolar Epith	Hyperplasia	Focal, Moderate
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 103

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3802

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CHOLESTEROL IN MACROPHAGES.

Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Uterus	Cervix	Abscess	Marked
	Cervix	Cyst	Marked
		Leiomyosarcoma	

Note: [LEIOMYOSAR] TGLs = 5-13

[Abscess TGLS = 4-6+6.1]

[Cyst TGLS = 4-6+6.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 104

TRT#: 4

DOSE: 2.5%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: A85-3803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Minimal
	Cortex	Hyperplasia	Focal, Minimal
Bone Marrow		Myelofibrosis	Mild
Brain		Compression	Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Marked
[Cataract TGLS = 1-13]			
[Degeneration TGLS = 1-13]			
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Moderate
Note: NEPHROPATHY TGLs = 5-5			
Liver		Basophilic Focus	
	Biliar Tract	Dilatation	Focal, Minimal
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Minimal
Note: MIXED CL FOCUS TGLs = 6-2			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: CHOLESTEROL IN MACROPHAGES.			
Nose	Nasolacrim Dct	Inflammation	Subacute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 104	TRT#: 4 DOSE: 2.5%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A85-3803
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ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Note: ADENOMA	TGLs = 7-1		
Note: ANGIECTASIS	TGLs = 7-1		
Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 105

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
Note: CHOLESTEROL IN MIXED CELL FOCI. [Mixed Cell Focus TGLS = 3-2]			
Lymph Node	Mandibular	Ectasia	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN MACROPHAGES.			
Nose		Foreign Body	Mild
		Fungus	Moderate
		Inflammation	Suppurative, Acute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 106

TRT#: 4

DOSE: 2.5%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: A85-3805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Skin
Thyroid Gland

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Spleen
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Eye
Note: CATARACT TGLs = 1-13
Note: DEGEN TGLs = 1-13

Retina

Cataract
Degeneration

Mild
Moderate

Kidney
[Nephropathy TGLS = 3-5]

Papilla, Transit Epithe
Pelvis, Transit Epithe

Fibrosis
Hyperplasia
Hyperplasia
Nephropathy

Focal, Marked
Mild
Mild
Chronic, Marked

Liver
Note: CHOLESTEROL IN MIXED CELL FOCI.
[Pigmentation TGLS = 4-2]

Basophilic Focus
Granuloma
Hepatocellular Adenoma
Mixed Cell Focus
Pigmentation

Multiple, Minimal
Multiple
Cholesterol, Multifocal, Minimal

Lymph Node
Note: CHOLESTEROL IN MACROPHAGES.

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Minimal

Ovary
Pancreas
Pituitary Gland

Acinus
Pars Distalis

Cyst
Atrophy
Adenoma

Mild
Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 106

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A85-3805

ORGAN AND ACCOUNTABLE SITE STATUS

Pars Distalis

Angiectasis

Moderate

Pars Distalis

Cyst

Moderate

Thymus

Cyst

Mild

Uterus

Dilatation

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 107

TRT#: 4

DOSE: 2.5%

SEX: Female

DISP: Moribund

DAY ON TEST: 723

HISTO: A85-3806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
	[Cataract TGLS = 3-13]		
	[Degeneration TGLS = 3-13]		
Kidney		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Moderate
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	Multiple
		Necrosis	Multifocal, Minimal
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Mild
Note: GRANULOMAS IN MIXED AND BASOPHILIC FOCI.			
Note: HEPATOCLR ADEN TGLs = 6-16,7-17			
	[Mixed Cell Focus TGLS = 8-2+16+17]		
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IS IN MACROPHAGES.			
Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 4-14]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 107

TRT#: 4

SEX: Female

DAY ON TEST: 723

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3806

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Nasolacrim Dct	Inflammation	Subacute, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Uterus	Mucosa	Cyst	Mild
	Endometrium	Hyperplasia	Cystic, Mild
		Leiomyoma	

[Leiomyoma TGLS = 5-15]

PRIMARY CAUSE OF DEATH

-

Animal Note: GOOD EXAMPLE OF GRANULOMA IN BASOPHILIC FOCI: SLIDE 16.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 108

TRT#: 4

DOSE: 2.5%

SEX: Female

DISP: Moribund

DAY ON TEST: 682

HISTO: A85-3807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Gland	Capsule, Cortex Cortex Medulla	Accessory Adrenal Cortical Nodule Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	Mild
Bone Marrow		Hemorrhage	Multifocal, Marked
Brain		Leukemia Mononuclear	
Note: HEMORRHAGE TGLs = 6-1			
Note: LEUKEMIA MONUC TGLs = 6-1			
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear Nephropathy	Chronic, Mild
Liver	Biliar Tract	Leukemia Mononuclear Proliferation	Minimal
Note: LEUKEMIA MONUC TGLs = 5-2			
Lung	Mesenteric	Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Macrophage, Multifocal, Minimal
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Note: CHOLESTEROL IN MACROPHAGES.			
Nose	Nasolacrim Dct	Fungus Inflammation	Moderate Subacute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 108

TRT#: 4
DOSE: 2.5%

SEX: Female
DISP: Moribund

DAY ON TEST: 682
HISTO: A85-3807

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Inflammation	Suppurative, Acute, Moderate
Pancreas	Acinus	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Atrophy	Multifocal, Moderate
	Pars Distalis	Cyst	Mild
Skin		Hyperplasia	Focal, Mild
Note: INFLAMMATION	TGLs = 2-13	Inflammation	Suppurative, Acute, Focal, Moderate
Spleen			
Note: LEUKEMIA MONUC	TGLs = 4-2	Leukemia Mononuclear	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 109

TRT#: 4

DOSE: 2.5%

SEX: Female

DISP: Moribund

DAY ON TEST: 553

HISTO: A85-3808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Bone	Cranium	Osteopetrosis	Moderate
	Femur	Osteopetrosis	Moderate
	Turbinates	Osteopetrosis	Mild
			[Osteopetrosis TGLS = 6-9]
			[Osteopetrosis TGLS = 5-15]
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Granuloma	Multiple, Minimal
		Hepatocellular Adenoma	
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Minimal
Note: HEPATOCLER ADEN TGLs = 4-14			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Necrosis	Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN MACROPHAGES.			
Mammary Gland		Fibroadenoma	
			[Fibroadenoma TGLS = 3-13]
Pancreas		Basophilic Focus	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 109

TRT#: 4

SEX: Female

DAY ON TEST: 553

DOSE: 2.5%

DISP: Moribund

HISTO: A85-3808

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 110

TRT#: 4

DOSE: 2.5%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: A85-3809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Hepatocellular Adenoma	
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Minimal
Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI. [Mixed Cell Focus TGLS = 3-2]			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN MACROPHAGES.			
Mammary Gland		Fibroadenoma	
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Note: ADENOMA TGLs = 4-1			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 121	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 1.25%	DISP: Terminal Sacrifice	HISTO: A85-3820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Pancreas	Skin	Spleen	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Complex	
Note: PHEOCHROM CPLX TGLs = 3-13			
Kidney		Nephropathy	Chronic, Mild
Liver		Angiectasis	Multifocal, Mild
		Basophilic Focus	
		Degeneration	Cystic, Multifocal, Mild
		Eosinophilic Focus	
		Granuloma	Multiple, Minimal
[Angiectasis TGLS = 4-2]			
[Degeneration TGLS = 4-2]			
[Eosinophilic Focus TGLS = 4-2]			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Mammary Gland		Fibroadenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 122	TRT#: 6 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A85-3821
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Skin	Spleen		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: MEDIASTINAL IS MISSING			
Pancreas	Acinus	Atrophy	Multifocal, Minimal
		Basophilic Focus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 123

TRT#: 6

SEX: Female

DAY ON TEST: 567

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Sarcoma	Metastatic (Uterus)
Intestine Large	Cecum	Sarcoma	Metastatic (Uterus)
Intestine Small	Duodenum	Sarcoma	Metastatic (Uterus)
	Jejunum	Sarcoma	Metastatic (Uterus)
Note: SARCOMA TGLs = 4-4			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
Lymph Node	Mesenteric	Sarcoma	Metastatic (Uterus)
Mesentery	Fat	Necrosis	Focal, Moderate
		Sarcoma	Metastatic (Uterus)
Note: SARCOMA NOS ON SLIDE 4-1			
Note: NECROSIS TGLs = 3-13			
Pancreas	Acinus	Atrophy	Multifocal, Mild
		Sarcoma	Metastatic (Uterus)
Pituitary Gland		Cyst	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
Spleen		Atrophy	Mild
Note: ATROPHY TGLs = 2-2			
Stomach	Forestomach	Sarcoma	Metastatic (Uterus)
	Glandular	Sarcoma	Metastatic (Uterus)
Uterus		Sarcoma	
Note: SARCOMA TGLs = 1-6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 124

TRT#: 6

SEX: Female

DAY ON TEST: 611

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Ovary
Pancreas	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
	Biliar Tract	Dilatation	Focal, Mild
		Hepatodiaphragmatic Nodule	Moderate
Note: ANOM HEPAT LOB TGLs = 5-15			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 3-13			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Salivary Glands	Acinus	Atrophy	Multifocal, Minimal
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 4-14			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
 Test Type: CHRONIC
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: C.I. Pigment red 3
 CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
 Time Report Requested: 01:48:00
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 125	TRT#: 6 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A85-3824
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Lung	Mammary Gland	Spleen
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Mixed Cell Focus	
		Pigmentation	Cholesterol, Multifocal, Mild
Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCUS [Granuloma TGLS = 2-2]			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 126

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Kidney

Inflammation

Subacute, Mild

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Granuloma

Multiple, Minimal

Mixed Cell Focus

Note: CHOLESTEROL IN MIXED CELL FOCUS

[Mixed Cell Focus TGLS = 4-2]

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Pancreas

Acinus

Atrophy

Multifocal, Mild

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Angiectasis

Moderate

[Adenoma TGLS = 3-1]

[Angiectasis TGLS = 3-1]

Uterus

Cervix

Abscess

Moderate

Cervix

Cyst

Marked

Polyp Stromal

[Abscess TGLS = 1-6]

[Cyst TGLS = 1-6]

[Polyp Stromal TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 127	TRT#: 6 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A85-3826
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Lung	Spleen
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MISSING

Mammary Gland

OBSERVATIONS

Kidney	Artery	Inflammation Nephropathy	Subacute, Mild Chronic, Mild
Liver		Basophilic Focus Eosinophilic Focus Granuloma	Multiple Multiple, Minimal
Lymph Node	Mandibular Mesenteric Mesenteric	Ectasia Hyperplasia Pigmentation	Mild Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Mild
Pancreas	Acinus Artery	Atrophy Hypertrophy	Multifocal, Mild Mild
Skin	Subcut Tiss	Fibroma	

Note: MESENTERIC NODE ALSO ON SLIDE 4-1

Note: [FIBROMA] TGLs = 3-13

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
 Test Type: CHRONIC
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: C.I. Pigment red 3
 CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
 Time Report Requested: 01:48:00
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 128

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Mammary Gland

Spleen

OBSERVATIONS

Kidney

Nephropathy

Chronic, Moderate

Liver

Basophilic Focus

Eosinophilic Focus

Granuloma

Multiple, Mild

Mixed Cell Focus

Multiple

[Mixed Cell Focus TGLS = 2-2]

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Mild

Pituitary Gland

Pars Distalis

Adenoma

Moderate

Pars Distalis

Angiectasis

[Adenoma TGLS = 3-1]

[Angiectasis TGLS = 3-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 129

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Mammary Gland

Spleen

OBSERVATIONS

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Multiple

Granuloma

Multiple, Minimal

Biliar Tract

Proliferation

Minimal

Lymph Node

Mediastinal

Congestion

Mild

Mandibular

Ectasia

Minimal

Mesenteric

Fibrosis

Focal, Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Necrosis

Focal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Mesentery

Fat

Necrosis

Focal, Moderate

[Necrosis TGLS = 5-15]

Pancreas

Acinus

Atrophy

Multifocal, Mild

Uterus

Cervix

Abscess

Marked

Cervix

Cyst

Marked

Polyp Stromal

Multiple, Two

Note: POLYP STROMAL TGLs = 2-13,3-14

[Abscess TGLS = 4-6]

[Cyst TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 130

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Degeneration	Fatty, Focal, Marked
Heart		Cardiomyopathy	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia	Mild
	Pelvis, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	
		Granuloma	Multiple, Mild
		Mixed Cell Focus	Multiple
		Pigmentation	Cholesterol, Multifocal, Mild
	Biliar Tract	Proliferation	Minimal
Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI [Mixed Cell Focus TGLS = 4-2]			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 5-1] [Angiectasis TGLS = 5-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 130

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3829

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 5-1]

Thyroid Gland

C Cell

Hyperplasia

Focal, Mild

Ultimobranchial Cyst

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 131

TRT#: 6

SEX: Female

DAY ON TEST: 682

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Hypertrophy	Focal, Mild
Bone Marrow		Hyperplasia	Mild
Eye	Retina	Cataract	Moderate
		Degeneration	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	
	Biliar Tract	Proliferation	Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	Multiple
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 131

TRT#: 6

SEX: Female

DAY ON TEST: 682

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3830

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 132

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lymph Node - Mandibular

Mammary Gland

Skin

OBSERVATIONS

Eye

Retina

Cataract
Degeneration

Mild
Moderate

[Cataract TGLS = 1-15]

[Degeneration TGLS = 1-15]

Kidney

Nephropathy

Chronic, Moderate

[Nephropathy TGLS = 3-5]

Liver

Angiectasis
Basophilic Focus
Eosinophilic Focus
Granuloma

Multifocal, Moderate

Note: ANGIECTASIS TGLs = 4-13

[Eosinophilic Focus TGLS = 4-13]

Lung

Alveolar/Bronchiolar Carcinoma

[Alveolar/Bronchiolar Carcinoma TGLS = 5-14]

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild

Note: MEDIASTINAL IS MISSING

Pancreas

Acinus

Atrophy

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 133

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Pancreas

Skin

OBSERVATIONS

Bone

Femur

Osteopetrosis

Moderate

Turbinate

Osteopetrosis

Marked

Eye

Cataract

Mild

Retina

Degeneration

Moderate

[Cataract TGLS = 3-14]

[Degeneration TGLS = 3-14]

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Eosinophilic Focus

Granuloma

Multiple, Moderate

Note: [EOSIN FOCUS] TGLs = 7-2

Lymph Node

Mediastinal

Congestion

Mild

Mandibular

Ectasia

Mild

Mediastinal

Ectasia

Mild

Mesenteric

Ectasia

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

[Congestion TGLS = 9-3]

[Ectasia TGLS = 8-4]

[Ectasia TGLS = 9-3]

[Hyperplasia TGLS = 8-4]

[Pigmentation TGLS = 8-4]

Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 4-13]

Ovary

Cyst

Marked

[Cyst TGLS = 5-6]

Spleen

Hematopoietic Cell Proliferation

Moderate

Note: HEMA CELL PROL TGLs = 6-2

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 133

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3832

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 134

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Skin

Lung
Spleen

Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Eye

Retina

Cataract
Degeneration

Marked
Marked

[Cataract TGLS = 3-13]

[Degeneration TGLS = 3-13]

Kidney

Nephropathy
Basophilic Focus
Eosinophilic Focus

Chronic, Mild

Liver

Granuloma
Mixed Cell Focus
Pigmentation

Multiple, Mild

Cholesterol, Multifocal, Minimal

Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCUS

Lymph Node

Mediastinal
Mediastinal
Mesenteric
Mesenteric

Congestion
Ectasia
Hyperplasia
Pigmentation

Minimal
Minimal
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Uterus

Cervix

Cyst

Marked

[Cyst TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 135

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Skin

Lymph Node - Mandibular
Spleen

Mammary Gland

Pancreas

OBSERVATIONS

Eye

Retina

Cataract
Degeneration

Mild
Moderate

Note: DEGEN TGLs = 1-13
[Cataract TGLs = 1-13]

Kidney
Liver

Nephropathy
Basophilic Focus
Granuloma
Mixed Cell Focus

Chronic, Moderate

[Basophilic Focus TGLs = 5-2]

Lung

Hemorrhage

Multifocal, Mild

Note: HEMORRHAGE TGLs = 4-3

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation
Polyp Stromal

Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Uterus

Note: POLYP STROMAL TGLs = 3-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 136

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Spleen

OBSERVATIONS

Kidney

Nephropathy

Chronic, Moderate

Liver

Basophilic Focus

Multiple

Granuloma

Multiple, Minimal

Mixed Cell Focus

Biliar Tract

Proliferation

Mild

[Mixed Cell Focus TGLS = 3-2]

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Mammary Gland

Fibroadenoma

Multiple

[Fibroadenoma TGLS = 1-13+7]

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Uterus

Mucosa

Cyst

Mild

[Cyst TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 137

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung
Vagina

Mammary Gland

Skin

OBSERVATIONS

Eye

Retina

Cataract
Degeneration

Mild
Marked

[Cataract TGLS = 1-14]

[Degeneration TGLS = 1-14]

Kidney
Liver

Nephropathy
Basophilic Focus
Granuloma

Chronic, Mild

Multiple, Minimal

Note: [BASOPH FOCUS] TGLs = 7-2

Lymph Node

Mediastinal
Mandibular
Mesenteric
Mesenteric

Congestion
Ectasia
Hyperplasia
Pigmentation

Minimal
Minimal
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Note: CONGESTION TGLs = 8-3

Mesentery

Fat

Necrosis

Focal, Marked

Note: NECROSIS TGLs = 6-13

Pancreas

Acinus

Atrophy

Multifocal, Marked

Uterus

Cervix

Abscess

Marked

Cervix

Cyst

Marked

Note: CYST TGLs = 5-6

Note: ABSCESS TGLs = 5-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 138

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

Skin

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Granuloma
Hepatocellular Adenoma
Mixed Cell Focus
Pigmentation
Proliferation

Chronic, Moderate
Multiple
Multiple, Mild
Multiple
Cholesterol, Multifocal, Minimal
Mild

Biliar Tract

Hyperplasia
Pigmentation
Fibroadenoma

Macrophage, Multifocal, Moderate
Cholesterol, Multifocal, Mild

Note: MIXED CL FOCUS TGLs = 4-2

Lymph Node

Mesenteric
Mesenteric

Mammary Gland

Note: FIBROADENOMA TGLs = 3-13

Pancreas

Acinus

Atrophy

Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: ALTHOUGH NOT REQUIRED BY PROTOCOL,NEOPLASIA OF BRAIN

Animal Note: IS PRESENT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 139

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Mammary Gland

Skin

OBSERVATIONS

Eye

Retina

Cataract
Degeneration

Mild
Marked

[Cataract TGLS = 3-14]

[Degeneration TGLS = 3-14]

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Multiple

Granuloma

Multiple, Moderate

Hepatodiaphragmatic Nodule

Mixed Cell Focus

Multiple

Pigmentation

Cholesterol, Multifocal, Minimal

Proliferation

Mild

Biliar Tract

Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI

[Hepatodiaphragmatic Nodule TGLS = 5-13]

[Mixed Cell Focus TGLS = 4-2]

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Necrosis

Focal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Note: NECROSIS SLIDE 4

Pancreas

Acinus

Atrophy

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GOOD EXAMPLE OF COMPOUND RELATED LESIONS IN LIVER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 140

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Pancreas	Pituitary Gland	Skin	Spleen

OBSERVATIONS

Brain		Astrocytoma Malignant	
Note: [ASTROCYTO MAL] TGLs = 7-1			
Note: ASTROCYTOMA IS IN PARS NERVOSA OF PITUITARY GLAND			
Eye	Retina	Cataract Degeneration	Mild Moderate
Note: CATARACT TGLs = 1-15			
[Cataract TGLs = 1-15]			
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus Granuloma	Multiple Multiple, Minimal
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation	Macrophage, Multifocal, Mild Cholesterol, Multifocal, Mild
Note: MEDIASTINAL IS MISSING			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 4-13			
Pituitary Gland			
Note: ASTROCYTOMA PARS NERVOSA ENTERED UNDER BRAIN			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 141	TRT#: 6 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A85-3840
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Islets, Pancreatic Spleen	Lung	Lymph Node - Mandibular	Skin
OBSERVATIONS			
Kidney Liver		Nephropathy Basophilic Focus Granuloma Hepatodiaphragmatic Nodule Mixed Cell Focus Pigmentation	Chronic, Mild Multiple Multiple, Moderate Moderate Multiple Cholesterol, Multifocal, Minimal
Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI Note: ANOM HEPAT LOB TGLs = 6-15 [Mixed Cell Focus TGLS = 5-14+2]			
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation Fibroadenoma	Macrophage, Multifocal, Mild Cholesterol, Multifocal, Mild
Mammary Gland [Fibroadenoma TGLS = 1-13]			
Pancreas Thyroid Gland Note: CARCINOMA TGLs = 7-16	Acinus C Cell	Atrophy Carcinoma	Multifocal, Moderate
Uterus [Abscess TGLS = 4-6] [Cyst TGLS = 4-6]	Cervix Cervix	Abscess Cyst	Marked Marked

PRIMARY CAUSE OF DEATH	-
Animal Note: GOOD EXAMPLE OF TOXIC LESIONS IN THE LIVER	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 142	TRT#: 6 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A85-3841
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic Spleen	Lung	Lymph Node - Mandibular	Pancreas
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OBSERVATIONS

Kidney [Nephropathy TGLS = 5-5]	Papilla, Transit Epithe	Hyperplasia Nephropathy	Minimal Chronic, Moderate
Liver Lymph Node Note: CONGESTION TGLs = 6-3	Mediastinal Mesenteric Mesenteric Mesenteric	Basophilic Focus Congestion Hyperplasia Necrosis Pigmentation	Mild Macrophage, Multifocal, Mild Focal, Mild Cholesterol, Multifocal, Mild
Mammary Gland [Fibroadenoma TGLS = 2-13,3-14]		Fibroadenoma	Multiple
Mesentery [Necrosis TGLS = 4-15]	Fat	Necrosis	Focal, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 143

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Mammary Gland

Spleen

OBSERVATIONS

Clitoral Gland
Note: CYST TGLs = 9-8

Duct

Cyst

Mild

Kidney
Liver

Nephropathy
Basophilic Focus
Granuloma
Hepatodiaphragmatic Nodule
Mixed Cell Focus
Pigmentation
Proliferation

Chronic, Moderate

Multiple, Mild
Moderate
Multiple
Cholesterol, Multifocal, Minimal
Mild

Biliar Tract

Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI
[Hepatodiaphragmatic Nodule TGLS = 6-15]
[Mixed Cell Focus TGLS = 8-2]

Lymph Node

Mandibular
Mesenteric
Mesenteric

Ectasia
Hyperplasia
Pigmentation
Necrosis

Minimal
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal
Focal, Moderate

Mesentery
[Necrosis TGLS = 5-14]

Fat

Pancreas
Pituitary Gland

Acinus
Pars Distalis
Pars Distalis

Atrophy
Adenoma
Angiectasis

Multifocal, Minimal
Mild

[Adenoma TGLS = 7-1]
[Angiectasis TGLS = 7-1]

Skin
[Fibrosarcoma TGLS = 4-13]

Subcut Tiss

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 144

TRT#: 6

SEX: Female

DAY ON TEST: 429

DOSE: 1.25%

DISP: Moribund

HISTO: A84032575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Salivary Glands
Thymus
Uterus

Bone
Heart
Intestine Small - Duodenum
Liver
Ovary
Skin
Thyroid Gland
Vagina

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Parathyroid Gland
Spleen
Trachea

OBSERVATIONS

Brain
Kidney
Nose
Pancreas
Stomach

Nasolacrim Dct
Acinus
Forestomach
Forestomach

Ependymoma Malignant
Nephropathy
Inflammation
Atrophy
Hyperplasia
Inflammation

Chronic, Mild
Subacute, Mild
Multifocal, Mild
Mild
Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 145

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Spleen

OBSERVATIONS

Kidney

Nephropathy

Chronic, Moderate

Liver

Basophilic Focus

Eosinophilic Focus

Granuloma

Multiple, Mild

Hepatodiaphragmatic Nodule

Mild

Mixed Cell Focus

Multiple

Pigmentation

Cholesterol, Multifocal, Minimal

Note: GOOD EXAMPLE OF CHOLESTEROL IN GRANULOMAS IN MIXED CL FOCUS

[Hepatodiaphragmatic Nodule TGLS = 4-15]

[Mixed Cell Focus TGLS = 3-2]

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1-13]

Mesentery

Fat

Necrosis

Focal, Marked

[Necrosis TGLS = 2-14]

Pancreas

Acinus

Atrophy

Multifocal, Moderate

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Angiectasis

Mild

Pars Distalis

Cyst

Mild

Note: ANGIECTASIS TGLs = 5-1

Note: ADENOMA TGLs = 5-1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 146

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Pancreas

Lung
Skin

Lymph Node - Mandibular
Spleen

Mammary Gland

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Eosinophilic Focus
Granuloma

Chronic, Moderate
Multiple
Multiple
Multiple, Minimal

Lymph Node

Biliar Tract
Mediastinal
Mesenteric
Mesenteric

Proliferation
Congestion
Hyperplasia
Pigmentation

Mild
Mild
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Minimal

Uterus

Cervix
Cervix

Abscess
Cyst

Mild
Marked

[Abscess TGLS = 1-6]

[Cyst TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 147

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

Skin

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Eosinophilic Focus
Granuloma
Mixed Cell Focus
Pigmentation

Chronic, Moderate

Multiple, Mild

Cholesterol, Multifocal, Minimal

Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCUS

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Minimal

Cholesterol, Multifocal, Minimal

Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 3-13]

Pancreas

Acinus

Atrophy

Multifocal, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 148

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Granuloma
Mixed Cell Focus
Pigmentation
Proliferation

Chronic, Mild
Mild
Multiple, Mild
Multiple
Cholesterol, Multifocal, Minimal
Mild

Biliar Tract

Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI
[Mixed Cell Focus TGLS = 2-2]

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Pancreas

Acinus

Atrophy

Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 149

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Pancreas

Lung
Skin

Lymph Node - Mandibular
Spleen

Mammary Gland

OBSERVATIONS

Kidney
Liver

Biliar Tract

Nephropathy
Basophilic Focus
Dilatation
Eosinophilic Focus
Granuloma
Hepatodiaphragmatic Nodule
Mixed Cell Focus
Pigmentation
Proliferation

Chronic, Mild
Multiple
Focal, Mild
Multiple
Multiple, Mild
Moderate
Multiple
Cholesterol, Multifocal, Mild
Mild

Biliar Tract

Note: FOCAL DILATATION OF BILIARY TRACT ON SLIDE 14
Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI
[Hepatodiaphragmatic Nodule TGLS = 6-14]
[Mixed Cell Focus TGLS = 5-2]

Lymph Node

Mesenteric
Mesenteric
Mesenteric

Ectasia
Hyperplasia
Pigmentation
Abscess
Cyst
Polyp Stromal

Minimal
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal
Moderate
Moderate

Uterus

Cervix
Cervix

[Abscess TGLS = 4-13]
[Cyst TGLS = 4-13]
[Polyp Stromal TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 150

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Spleen

OBSERVATIONS

Kidney

Nephropathy

Chronic, Minimal

Liver

Basophilic Focus

Multiple

Hepatodiaphragmatic Nodule

Mixed Cell Focus

Multiple

Biliar Tract

Proliferation

Mild

Note: ANOM HEPAT LOB TGLs = 3-15

Note: MIXED CELL FOCI ON SLIDE 15

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1-13]

Mesentery

Fat

Necrosis

Focal, Moderate

Note: NECROSIS TGLs = 2-14

Pancreas

Acinus

Atrophy

Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 151

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Spleen

OBSERVATIONS

Bone

Cranium

Osteopetrosis

Mild

Femur

Osteopetrosis

Mild

[Osteopetrosis TGLS = 6-15]

Kidney

Nephropathy

Chronic, Moderate

Liver

Basophilic Focus

Eosinophilic Focus

Granuloma

Multiple, Minimal

Proliferation

Mild

Biliar Tract

Note: [EOSIN FOCUS] TGLs = 5-2

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Mammary Gland

Myoepithelioma

Note: MYOEPITHELIOMA IS UNUSUAL TUMOR

[Myoepithelioma TGLS = 4-13]

Mesentery

Fat

Necrosis

Focal, Moderate

[Necrosis TGLS = 3-14]

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Pituitary Gland

Pars Distalis

Adenoma

Multiple

Pars Distalis

Angiectasis

Moderate

Pars Distalis

Pigmentation

Hemosiderin, Mild

Note: ADENOMA TGLs = 7-1

[Angiectasis TGLS = 7-1]

[Pigmentation TGLS = 7-1]

Uterus

Leiomyosarcoma

[Leiomyosarcoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

Animal Note: MYOEPITHELIOMA OF MAMMARY GLAND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 151

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3850

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 152	TRT#: 6 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A85-3851
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Skin	Spleen		

OBSERVATIONS

Kidney	Papilla, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Mixed Cell Focus	
		Pigmentation	Cholesterol, Multifocal, Minimal
	Biliar Tract	Proliferation	Mild
[Mixed Cell Focus TGLS = 3-2]			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 153

TRT#: 6

SEX: Female

DAY ON TEST: 658

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Intestine Small - Duodenum

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Brain		Carcinoma	Metastatic (Pituitary Gland)
Note: [CARCINOMA] TGLs = 8-1			
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 4-5]			
Liver		Granuloma	Multiple, Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Multifocal, Minimal
[Mixed Cell Focus TGLS = 9-2]			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-13,3-14]			
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Carcinoma	
Note: [CARCINOMA] TGLs = 7-1			
[Angiectasis TGLS = 7-1]			
Stomach	Forestomach	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 153

TRT#: 6

SEX: Female

DAY ON TEST: 658

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3852

ORGAN AND ACCOUNTABLE SITE STATUS

Forestomach

Inflammation

Subacute, Marked

Forestomach

Perforation

Marked

Forestomach

Ulcer

Marked

[Perforation TGLS = 6-15]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 154

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Vagina

Lung

Mammary Gland

Spleen

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Degeneration
Hepatodiaphragmatic Nodule
Mixed Cell Focus
Proliferation

Chronic, Moderate
Multiple
Cystic, Focal, Mild
Moderate

Biliar Tract

Note: MIXED CL FOCUS TGLs = 4-2
[Mixed Cell Focus TGLS = 5-13]

Lymph Node

Mandibular
Mediastinal
Mesenteric
Mesenteric

Ectasia
Ectasia
Hyperplasia
Pigmentation

Minimal
Mild
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Pancreas
Uterus

Acinus
Cervix
Cervix

Atrophy
Abscess
Cyst

Multifocal, Mild
Moderate
Marked

Note: ABSCESS TGLs = 3-6
Note: CYST TGLs = 3-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 155

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Spleen

OBSERVATIONS

Bone

Cranium

Osteopetrosis

Minimal

Note: OSTEOPETROSIS TGLs = 5-15

Clitoral Gland

Duct

Cyst

Moderate

Hyperplasia

Marked

[Cyst TGLS = 1-8]

[Hyperplasia TGLS = 1-8]

Kidney

Nephropathy

Chronic, Moderate

Liver

Basophilic Focus

Multiple

Granuloma

Multiple, Minimal

Hepatodiaphragmatic Nodule

Moderate

Mixed Cell Focus

Multiple

[Hepatodiaphragmatic Nodule TGLS = 4-14]

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 2-13]

Pancreas

Acinus

Atrophy

Multifocal, Moderate

Uterus

Cervix

Abscess

Marked

Cervix

Cyst

Marked

[Abscess TGLS = 3-6]

[Cyst TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156	TRT#: 6 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A85-3855
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic Spleen	Lung	Mammary Gland	Skin
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OBSERVATIONS

Kidney Liver		Nephropathy Basophilic Focus Granuloma Mixed Cell Focus	Chronic, Mild Multiple Multiple, Minimal Multiple
[Mixed Cell Focus TGLS = 4-2] Lymph Node	Mandibular Mesenteric Mesenteric	Ectasia Hyperplasia Pigmentation	Minimal Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
Pancreas Uterus	Acinus Cervix Cervix	Atrophy Abscess Cyst	Multifocal, Mild Moderate Moderate
[Abscess TGLS = 3-6] [Cyst TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 157

TRT#: 6

SEX: Female

DAY ON TEST: 680

DOSE: 1.25%

DISP: Dead

HISTO: A85-3856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Multiple, Minimal
		Mixed Cell Focus	
Note: MIXED CL FOCUS TGLs = 6-2			
Lymph Node	Mediastinal	Congestion	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Uterus		Dilatation	Minimal
Vagina		Sarcoma	
Note: SARCOMA TGLs = 5-13			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:00

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 158

TRT#: 6

SEX: Female

DAY ON TEST: 491

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Granuloma	Multiple, Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
Note: MEDIASTINAL IS MISSSING			
Ovary		Cyst	Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Tongue		Squamous Cell Carcinoma	

[Squamous Cell Carcinoma TGLS = 3-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:00
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 159	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 1.25%	DISP: Terminal Sacrifice	HISTO: A85-3858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Skin	Spleen		

OBSERVATIONS

Eye		Cataract	Marked
	Retina	Degeneration	Marked
	[Cataract TGLS = 1-13]		
	[Degeneration TGLS = 1-13]		
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
 Test Type: CHRONIC
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: C.I. Pigment red 3
 CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
 Time Report Requested: 01:48:01
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 160 TRT#: 6 SEX: Female DAY ON TEST: 731
 DOSE: 1.25% DISP: Terminal Sacrifice HISTO: A85-3859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic Lung Spleen

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Multiple, Minimal
		Mixed Cell Focus	
	Biliar Tract	Proliferation	Minimal
Note: MIXED CL FOCUS TGLs = 5-2-1			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2-13			
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS TGLs = 4-15			
Pancreas		Basophilic Focus	
Uterus		Dilatation	Mild
		Polyp Stromal	
Note: DILATATION TGLs = 6-7			
Note: POLYP STROMAL TGLs = 3-14			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 161

TRT#: 6

SEX: Female

DAY ON TEST: 708

DOSE: 1.25%

DISP: Dead

HISTO: A85-3860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Liver	Lung	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Lymph Node	Mandibular	Congestion	Mild
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
[Congestion TGLS = 4-7]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 6-14]			
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pharynx		Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 7-15			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Tongue		Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 5-13			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 162

TRT#: 6

SEX: Female

DAY ON TEST: 653

DOSE: 1.25%

DISP: Dead

HISTO: A85-3861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Mammary Gland
Skin
Thymus
Uterus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Spleen
Thyroid Gland

Clitoral Gland
Intestine Large - Colon
Islets, Pancreatic
Parathyroid Gland
Stomach - Forestomach
Trachea

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Bone
Cranium
Femur
Note: OSTEOPETROSIS TGLs = 7-15

Osteopetrosis
Osteopetrosis

Mild
Mild

Brain
Note: COMPRESSION TGLs = 9-1

Compression

Mild

Kidney
Liver
[Mixed Cell Focus TGLS = 4-13,5-14]

Nephropathy
Basophilic Focus
Eosinophilic Focus
Granuloma
Mixed Cell Focus

Chronic, Mild
Multiple
Multiple, Minimal
Multiple

Lung
Note: CONGESTION TGLs = 6-3

Congestion

Mild

Lymph Node
Mesenteric
Mesenteric
Mesenteric

Hyperplasia
Necrosis
Pigmentation
Cyst

Macrophage, Multifocal, Mild
Multifocal, Mild
Cholesterol, Multifocal, Minimal
Mild

Ovary
[Cyst TGLS = 3-6]

Pancreas
Pituitary Gland
Acinus
Pars Distalis

Atrophy
Adenoma

Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 162

TRT#: 6

SEX: Female

DAY ON TEST: 653

DOSE: 1.25%

DISP: Dead

HISTO: A85-3861

ORGAN AND ACCOUNTABLE SITE STATUS

Pars Distalis

Angiectasis

Moderate

Note: ADENOMA TGLs = 8-1

Note: ANGIECTASIS TGLs = 8-1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 163

TRT#: 6

SEX: Female

DAY ON TEST: 694

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Parathyroid Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
	Medulla	Hyperplasia	Focal, Mild
Eye	Retina	Cataract	Moderate
		Degeneration	Moderate
Note: DEGEN TGLs = 1-13.1 [Cataract TGLs = 1-13.1]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Minimal
Note: EOSIN FOCUS TGLs = 5-2			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Note: MEDIASTINAL IS MISSING			
Mammary Gland		Fibroadenoma	
Ovary		Cyst	Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Minimal
Uterus	Cervix	Abscess	Moderate
	Cervix	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 163

TRT#: 6

SEX: Female

DAY ON TEST: 694

DOSE: 1.25%

DISP: Moribund

HISTO: A85-3862

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CYST TGLs = 4-6

[Cyst TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 164

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Spleen

OBSERVATIONS

Eye

Cataract

Marked

Retina

Degeneration

Marked

[Cataract TGLS = 1-15]

[Degeneration TGLS = 1-15]

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Multiple

Granuloma

Multiple, Mild

Hepatodiaphragmatic Nodule

Mild

Mixed Cell Focus

Multiple

Pigmentation

Cholesterol, Multifocal, Minimal

Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI

[Hepatodiaphragmatic Nodule TGLS = 7-14]

[Mixed Cell Focus TGLS = 6-2]

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 2-13]

Ovary

Cyst

Marked

[Cyst TGLS = 4-6]

Pancreas

Acinus

Atrophy

Multifocal, Mild

Uterus

Cervix

Abscess

Moderate

Cervix

Cyst

Moderate

[Abscess TGLS = 5-6]

[Cyst TGLS = 5-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 165

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Skin

Lung
Spleen

Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Eye

Retina

Cataract
Degeneration

Moderate
Moderate

[Cataract TGLS = 1-13]

[Degeneration TGLS = 1-13]

Kidney

Nephropathy
Basophilic Focus
Granuloma
Mixed Cell Focus

Chronic, Moderate
Multiple
Multiple, Minimal
Multiple

Liver

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild

Pancreas

Acinus

Atrophy

Multifocal, Moderate

Pituitary Gland

Pars Distalis
Pars Distalis
Pars Distalis
Pars Distalis

Adenoma
Angiectasis
Cyst
Pigmentation

Moderate
Mild
Hemosiderin, Mild

[Adenoma TGLS = 4-1]

[Angiectasis TGLS = 4-1]

[Cyst TGLS = 4-1]

[Pigmentation TGLS = 4-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 166	TRT#: 6 DOSE: 1.25%	SEX: Female DISP: Moribund	DAY ON TEST: 597 HISTO: A85-3865
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Brain		Ependymoma Malignant	
[Ependymoma Malignant TGLS = 3-1]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Eosinophilic Focus	Multiple
		Granuloma	Multiple, Minimal
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Marked
[Atrophy TGLS = 1-4]			
Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Stomach	Glandular	Erosion	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 167

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

Skin

OBSERVATIONS

Eye

Retina

Cataract
Degeneration

Marked
Marked

[Cataract TGLS = 3-15]

[Degeneration TGLS = 3-15]

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Multiple

Eosinophilic Focus

Granuloma

Multiple, Minimal

Hepatodiaphragmatic Nodule

Moderate

Mixed Cell Focus

Multiple

Proliferation

Mild

Biliar Tract

[Hepatodiaphragmatic Nodule TGLS = 6-14]

[Mixed Cell Focus TGLS = 7-2]

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Mammary Gland

Fibroadenoma

Multiple

Note: FIBROADENOMA TGLs = 4-7,5-13

Pancreas

Acinus

Atrophy

Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 168

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Mammary Gland

Spleen

OBSERVATIONS

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Multiple

Granuloma

Multiple, Mild

Mixed Cell Focus

Pigmentation

Cholesterol, Multifocal, Minimal

Proliferation

Mild

Biliar Tract

Note: CHOLESTEROL IN GRANULOMAS IN MIXED CELL FOCI

[Mixed Cell Focus TGLS = 2-2]

Lung

Alveolar/Bronchiolar Carcinoma

[Alveolar/Bronchiolar Carcinoma TGLS = 3-3]

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Mesentery

Fat

Necrosis

Focal, Moderate

[Necrosis TGLS = 1-13]

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Pituitary Gland

Pars Distalis

Adenoma

Mild

Pars Distalis

Angiectasis

[Adenoma TGLS = 4-1]

[Angiectasis TGLS = 4-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:01
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169	TRT#: 6 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A85-3868
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Lung	Spleen	
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-2]			
Lymph Node	Mandibular	Ectasia	Minimal
	Mediastinal	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Note: PANCREAS IS ON SLIDE 4-1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 170

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: A85-3869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Kidney

Papilla, Transit Epithe

Hyperplasia
Nephropathy

Minimal
Chronic, Moderate

Note: NEPHROPATHY TGLs = 3-5

Liver

Basophilic Focus
Degeneration
Eosinophilic Focus
Granuloma
Hepatodiaphragmatic Nodule
Proliferation

Cystic, Focal, Mild
Multiple, Minimal
Moderate
Mild

Note: DEGEN TGLs = 5-2

Note: ANOM HEPAT LOB TGLs = 4-13

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Note: MEDIASTINAL IS MISSING

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Uterus

Cervix
Cervix

Abscess
Cyst

Marked
Marked

Note: CYST TGLs = 2-6

Note: ABSCESS TGLs = 2-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 181

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Skin

Lung
Spleen

Mammary Gland

Pancreas

OBSERVATIONS

Kidney
[Nephropathy TGLS = 4-5]

Nephropathy

Chronic, Moderate

Liver
Lymph Node

Mandibular
Mesenteric
Mesenteric

Basophilic Focus
Ectasia
Hyperplasia
Pigmentation
Polyp Stromal

Multiple
Minimal
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Minimal

Uterus
[Polyp Stromal TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 182

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Mixed Cell Focus

Chronic, Mild
Multiple

Lymph Node

Biliar Tract
Mesenteric
Mesenteric

Proliferation
Hyperplasia
Pigmentation

Mild
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Minimal

Note: HYPERPLASIA TGLs = 1-13

Mesentery

Inflammation

Granulomatous, Mild

Fat

Necrosis

Focal, Moderate

Note: NECROSIS TGLs = 1-13

Note: INFLAMMATION TGLs = 1-13

Pancreas

Acinus

Atrophy

Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:01
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 183	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A85-3882
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic Spleen	Lung	Mammary Gland	Skin
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 3-13]			
Pancreas	Acinus	Atrophy	Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 184	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A85-3883
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL	Lung	Skin	Spleen
Islets, Pancreatic Uterus			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Eosinophilic Focus	
	Biliar Tract	Proliferation	Mild
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland [Fibroadenoma TGLS = 3-13]		Fibroadenoma	
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hemorrhage	Mild
[Adenoma TGLS = 5-1]			
[Angiectasis TGLS = 5-1]			
[Cyst TGLS = 5-1]			
[Hemorrhage TGLS = 5-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 185

TRT#: 8

SEX: Female

DAY ON TEST: 612

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Salivary Glands
Thymus
Uterus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Heart
Kidney
Liver

Lymph Node

Pancreas

Pituitary Gland

Skin

Note: FIBROSARC TGLs = 1-13

Mesenteric
Mesenteric
Acinus
Pars Distalis
Pars Distalis
Subcut Tiss

Cardiomyopathy
Nephropathy
Basophilic Focus
Mixed Cell Focus
Hyperplasia
Pigmentation
Atrophy
Cyst
Hyperplasia
Fibrosarcoma

Minimal
Chronic, Mild
Multiple
Multiple
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Minimal
Multifocal, Moderate
Mild
Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
 Test Type: CHRONIC
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: C.I. Pigment red 3
 CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
 Time Report Requested: 01:48:01
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 186	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A85-3885
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Spleen
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Multiple, Minimal
		Hepatodiaphragmatic Nodule	Mild
		Mixed Cell Focus	
		Pigmentation	Cholesterol, Multifocal, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-2]			
[Mixed Cell Focus TGLS = 5-2]			
Lymph Node	Mediastinal	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-13]			
Pancreas	Acinus	Atrophy	Multifocal, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:01
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 187

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Mammary Gland

Skin

OBSERVATIONS

Clitoral Gland
[Inflammation TGLS = 5-8]

Inflammation

Subacute, Mild

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Note: MEDIASTINAL IS MISSING

Pancreas

Acinus

Atrophy

Multifocal, Mild

Uterus

Dilatation

Mild

[Dilatation TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 188

TRT#: 8

DOSE: 0.6%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: A85-3887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lymph Node - Mandibular

Mammary Gland

Spleen

OBSERVATIONS

Kidney

Nephropathy

Chronic, Moderate

Liver

Basophilic Focus

Multiple

Granuloma

Multiple, Mild

Mixed Cell Focus

Biliar Tract

Proliferation

Mild

Note: GRANULOMAS IN MIXED CELL FOCUS

[Basophilic Focus TGLS = 3-2]

Lung

Pigmentation

Hemosiderin, Multifocal, Minimal

Lymph Node

Mediastinal

Congestion

Minimal

Mediastinal

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Mesentery

Fat

Necrosis

Focal, Moderate

[Necrosis TGLS = 1-13]

Pancreas

Acinus

Atrophy

Multifocal, Mild

Thyroid Gland

C Cell

Carcinoma

Note: [CARCINOMA] TGLs = 2-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 189

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Skin

Lung
Spleen

Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Degeneration
Granuloma

Chronic, Moderate
Multiple
Cystic, Focal, Minimal
Multiple, Minimal

Lymph Node

Biliar Tract
Mesenteric
Mesenteric

Proliferation
Hyperplasia
Pigmentation

Mild
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal
Multifocal, Moderate

Pancreas

Acinus

Atrophy

Pituitary Gland

Pars Distalis
Pars Distalis
Pars Distalis

Adenoma
Angiectasis
Cyst

Mild
Mild

[Adenoma TGLS = 3-1]

[Angiectasis TGLS = 3-1]

[Cyst TGLS = 3-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 190

TRT#: 8

SEX: Female

DAY ON TEST: 639

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
	Cortex	Hyperplasia	Focal, Mild
Brain		Compression	Mild
[Compression TGLS = 6-1]			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Mild
		Mixed Cell Focus	
Note: GRANULOMA IN MIXED CELL FOCUS			
[Mixed Cell Focus TGLS = 5-2]			
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			
Spleen		Atrophy	Mild
[Atrophy TGLS = 4-13]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 191

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Mammary Gland

Skin

OBSERVATIONS

Bone

Femur

Osteopetrosis

Mild

Turbinates

Osteopetrosis

Moderate

Eye

Cataract

Marked

Retina

Degeneration

Marked

[Cataract TGLS = 3-14]

[Degeneration TGLS = 3-14]

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Granuloma

Multiple, Minimal

Lymph Node

Mandibular

Congestion

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Mild

Uterus

Polyp Stromal

[Polyp Stromal TGLS = 4-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:01
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 192	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A85-3891
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic Spleen	Lung	Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Multiple, Minimal
		Hepatodiaphragmatic Nodule	Moderate
	Biliar Tract	Proliferation	Mild
[Hepatodiaphragmatic Nodule TGLS = 2-14]			
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Skin	Subcut Tiss	Fibroma	
Note: [FIBROMA] TGLs = 1-13			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 193

TRT#: 8

DOSE: 0.6%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: A85-3892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Spleen

Islets, Pancreatic

Lung

Mammary Gland

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

[Pheochromocytoma Benign TGLS = 5-8]

Eye

Cataract

Mild

Retina

Degeneration

Moderate

[Cataract TGLS = 1-13]

[Degeneration TGLS = 1-13]

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Multiple

Lymph Node

Mandibular

Ectasia

Mild

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Mild

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Angiectasis

Mild

[Adenoma TGLS = 4-1]

[Angiectasis TGLS = 4-1]

Uterus

Cervix

Abscess

Moderate

Cervix

Cyst

Moderate

Polyp Stromal

[Abscess TGLS = 2-14]

[Cyst TGLS = 2-14]

[Polyp Stromal TGLS = 3-15]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 194

TRT#: 8

SEX: Female

DAY ON TEST: 587

DOSE: 0.6%

DISP: Dead

HISTO: A85-3893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Pancreas
Skin
Thymus

OBSERVATIONS

Kidney
Liver
Lymph Node

Mammary Gland
 [Fibroadenoma TGLS = 1-13]
Uterus

Mediastinal
Mesenteric

Nephropathy
Vacuolization Cytoplasmic
Congestion
Hyperplasia
Fibroadenoma

Polyp Stromal

Chronic, Mild
Diffuse, Marked
Moderate
Macrophage, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 195	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A85-3894
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Islets, Pancreatic Spleen	Lung	Lymph Node - Mandibular	Skin
OBSERVATIONS			
Eye	Retina	Cataract Degeneration	Mild Moderate
[Cataract TGLS = 1-16] [Degeneration TGLS = 1-16]			
Kidney Liver		Nephropathy Basophilic Focus Hepatodiaphragmatic Nodule	Chronic, Mild Multiple Mild
[Hepatodiaphragmatic Nodule TGLS = 6-15]			
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation Fibroadenoma	Macrophage, Multifocal, Mild Cholesterol, Multifocal, Minimal
Mammary Gland [Fibroadenoma TGLS = 4-13]			
Pancreas Uterus	Acinus Cervix Cervix	Atrophy Abscess Cyst	Multifocal, Minimal Moderate Moderate
[Abscess TGLS = 5-14] [Cyst TGLS = 5-14]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:01
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 196

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung
Spleen

Lymph Node - Mandibular

Pancreas

Skin

OBSERVATIONS

Islets, Pancreatic

Kidney

Liver

Lymph Node

Mammary Gland

[Fibroadenoma TGLS = 3-13,4-14]

Papilla, Transit Epithe

Mesenteric

Mesenteric

Adenoma

Hyperplasia

Nephropathy

Basophilic Focus

Granuloma

Hyperplasia

Pigmentation

Fibroadenoma

Minimal

Chronic, Moderate

Multiple, Minimal

Macrophage, Multifocal, Minimal

Cholesterol, Multifocal, Minimal

Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:01
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 197	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A85-3896
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic Spleen	Lung	Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pharynx		Squamous Cell Papilloma	

[Squamous Cell Papilloma TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:01
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 198	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A85-3897
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic Pancreas	Lung Spleen	Lymph Node - Mandibular	Mammary Gland
--------------------------------	----------------	-------------------------	---------------

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation	Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 199

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Skin

Lung
Spleen

Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Clitoral Gland
[Inflammation TGLS = 4-8]

Inflammation

Subacute, Mild

Kidney
Liver

Nephropathy
Basophilic Focus
Mixed Cell Focus

Chronic, Mild

Biliar Tract

Proliferation

Multiple
Mild

[Mixed Cell Focus TGLS = 3-13]

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy
Basophilic Focus

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:01
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 200	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A85-3899
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic Spleen	Lung	Mammary Gland	Skin
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OBSERVATIONS

Kidney	Papilla, Transit Epithe	Hyperplasia Nephropathy	Minimal Chronic, Moderate
Liver	Biliar Tract	Basophilic Focus Proliferation	Multiple Mild
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 201

TRT#: 8

SEX: Female

DAY ON TEST: 518

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Spleen
Thyroid Gland

Bone
Heart
Intestine Small - Duodenum
Liver
Ovary
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Salivary Glands
Stomach - Glandular
Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland
[Adenoma TGLS = 2-14]

Adenoma

Kidney
Lymph Node

Mesenteric
Mesenteric

Nephropathy
Hyperplasia
Pigmentation
Fibroadenoma

Chronic, Mild
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Minimal

Mammary Gland
[Fibroadenoma TGLS = 1-13]

Pancreas
[Atrophy TGLS = 3-4]

Acinus

Atrophy

Multifocal, Mild

Pituitary Gland

Pars Distalis

Hyperplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 202

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Pancreas

Spleen

OBSERVATIONS

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Multiple

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Note: MEDIASTINAL IS MISSING

Mammary Gland

Fibroadenoma

Multiple

[Fibroadenoma TGLS = 1-13,2-14]

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Angiectasis

Mild

Pars Distalis

Cyst

Mild

Pars Distalis

Pigmentation

Hemosiderin, Mild

[Adenoma TGLS = 5-1]

[Angiectasis TGLS = 5-1]

[Cyst TGLS = 5-1]

[Pigmentation TGLS = 5-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 203	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: A85-3902
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Islets, Pancreatic	Mammary Gland	Pancreas
Skeletal Muscle			
OBSERVATIONS			
Adrenal Gland	Cortex	Adenoma	
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-8		
Note: LEUKEMIA MONUC	TGLs = 9-8		
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-2		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Ectasia	Minimal
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-16		
Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-2+13]		
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 204

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Clitoral Gland
Pancreas

Islets, Pancreatic
Skin

Lung
Spleen

Mammary Gland

OBSERVATIONS

Kidney
Liver
Lymph Node

Mandibular
Mesenteric
Mesenteric

Nephropathy
Basophilic Focus
Ectasia
Hyperplasia
Pigmentation
Polyp Stromal

Chronic, Mild

Minimal
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Uterus

[Polyp Stromal TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:01
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 205	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: A85-3904
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla Spleen	Islets, Pancreatic	Lung	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex Cortex	Angiectasis Degeneration	Moderate Fatty, Multifocal, Moderate
[Angiectasis TGLS = 1-8] [Degeneration TGLS = 1-8]			
Bone	Femur	Osteopetrosis	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus Mixed Cell Focus	Multiple
Lymph Node	Mandibular Mesenteric Mesenteric	Ectasia Hyperplasia Pigmentation	Minimal Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 206

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Kidney

Nephropathy

Chronic, Moderate

Liver

Basophilic Focus

Mild

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Note: MEDIASTINAL IS MISSING

Mesentery

Fat

Necrosis

Focal, Moderate

[Necrosis TGLS = 2-13]

Pancreas

Acinus

Atrophy

Multifocal, Mild

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Angiectasis

Mild

[Adenoma TGLS = 3-1]

[Angiectasis TGLS = 3-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 207

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Granuloma
Hepatodiaphragmatic Nodule
Mixed Cell Focus
Pigmentation
Proliferation

Chronic, Mild
Multiple
Multiple, Mild
Moderate
Cholesterol, Multifocal, Minimal
Mild

Biliar Tract

Note: TGL 1-13 GOOD EXAMPLE OF CHOLESTEROL IN GRANULOMAS IN

Note: MIXED CELL FOCUS

[Hepatodiaphragmatic Nodule TGLS = 2-14]

[Mixed Cell Focus TGLS = 1-13]

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Pancreas

Acinus

Atrophy

Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 208

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Pancreas

Lung
Spleen

Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Eosinophilic Focus
Granuloma
Hepatodiaphragmatic Nodule
Mixed Cell Focus
Pigmentation

Chronic, Mild
Multiple
Multiple, Mild
Moderate
Multiple
Cholesterol, Multifocal, Minimal

Note: MIXED CELL FOCUS

Note: SLIDE 15, GOOD EXAMPLE OF CHOLESTEROL IN GRANULOMAS IN

[Hepatodiaphragmatic Nodule TGLS = 2-14]

[Mixed Cell Focus TGLS = 3-2,4-15]

Lymph Node

Mediastinal
Mesenteric
Mesenteric

Ectasia
Hyperplasia
Pigmentation

Minimal
Macrophage, Multifocal, Mild
Cholesterol, Multifocal, Mild

Pituitary Gland

Pars Distalis
Pars Distalis
Pars Distalis

Adenoma
Angiectasis
Cyst
Pigmentation

Mild
Mild
Hemosiderin, Mild

Note: ADENOMA TGLs = 5-1

Note: ANGIECTASIS TGLs = 5-1

Note: PIGMENT TGLs = 5-1

[Adenoma TGLS = 5-1]

Uterus

[Polyp Stromal TGLS = 1-13]

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:01
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 209	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: A85-3908
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic Pancreas	Lung Skin	Lymph Node - Mandibular Spleen	Mammary Gland
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OBSERVATIONS

Harderian Gland [Hyperplasia TGLS = 5-14]		Hyperplasia	Mild
Kidney Liver		Nephropathy Basophilic Focus Eosinophilic Focus	Chronic, Mild
Lymph Node Ovary Note: [LEIOMYOSAR] TGLs = 4-13	Mesenteric	Hyperplasia Leiomyosarcoma	Macrophage, Multifocal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 210

TRT#: 8

DOSE: 0.6%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: A85-3909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Pancreas

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Malignant

Note: PHEOCHROMOCYTOMA APPEARS TO BE INFARCTED

[Pheochromocytoma Malignant TGLS = 2-14]

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Multiple

Granuloma

Multiple, Minimal

Mixed Cell Focus

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1-13]

Pituitary Gland

Pars Distalis

Angiectasis

Mild

Pars Distalis

Cyst

Mild

Pars Distalis

Hyperplasia

Focal, Mild

Pars Distalis

Pigmentation

Hemosiderin, Mild

Note: [HYPERPLASIA] TGLs = 3-1

[Angiectasis TGLS = 3-1]

[Cyst TGLS = 3-1]

[Pigmentation TGLS = 3-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 211

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Mammary Gland

Spleen

OBSERVATIONS

Eye

Cataract

Mild

[Cataract TGLS = 1-13]

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Multiple

Eosinophilic Focus

Granuloma

Multiple, Minimal

Mixed Cell Focus

Biliar Tract

Proliferation

Mild

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Pancreas

Acinus

Atrophy

Multifocal, Mild

Uterus

Polyp Stromal

[Polyp Stromal TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 212

TRT#: 8

SEX: Female

DAY ON TEST: 694

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Heart		Carcinoma	Metastatic (Thyroid Gland)
		Cardiomyopathy	Minimal
Note: CARCINOMA IS C CELL			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Thyroid Gland	C Cell	Carcinoma	
Note: [CARCINOMA] TGLs = 3-3			
Uterus	Cervix	Abscess	Marked
	Cervix	Cyst	Marked
[Abscess TGLS = 2-6]			
[Cyst TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 213

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Ovary

Lung
Skin

Lymph Node - Mandibular
Spleen

Mammary Gland

OBSERVATIONS

Kidney
Liver
Lymph Node

Pancreas
Uterus

[Abscess TGLS = 3-6,4-6]
[Cyst TGLS = 3-6,4-6]

Mesenteric
Mesenteric
Acinus
Cervix
Cervix

Nephropathy
Basophilic Focus
Hyperplasia
Pigmentation
Atrophy
Abscess
Cyst

Chronic, Moderate
Multiple
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal
Multifocal, Mild
Multiple, Marked
Multiple, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 214

TRT#: 8

SEX: Female

DAY ON TEST: 665

DOSE: 0.6%

DISP: Dead

HISTO: A85-3913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Jejunum
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OBSERVATIONS

Brain		Oligodendroglioma Malignant	
Note: [OLIGODENDR MAL] TGLs = 5-1			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Proliferation	Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-13,2-14]			
Ovary		Cyst	Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pharynx		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4-15			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:01
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 215	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: A85-3914
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Lung	Lymph Node - Mandibular	Spleen
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
Liver		Basophilic Focus	Multiple
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	

[Mixed Cell Focus TGLS = 3-2]

Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal

Note: MEDIASTINAL IS MISSING

Mammary Gland		Fibroadenoma	
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[Fibroadenoma TGLS = 2-13]

Pancreas	Acinus	Atrophy	Multifocal, Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 216

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung Spleen

OBSERVATIONS

Eye		Cataract	Mild
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-13]			
[Degeneration TGLS = 1-13]			
Islets, Pancreatic		Carcinoma	
Note: [CARCINOMA] TGLs = 4-15			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-14]			
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Note: ATROPHY ON SLIDE 15			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 5-1]			
[Angiectasis TGLS = 5-1]			
[Cyst TGLS = 5-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 217

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Spleen

OBSERVATIONS

Kidney

Inflammation

Subacute, Mild

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Multiple

Eosinophilic Focus

Granuloma

Multiple, Minimal

Mixed Cell Focus

[Eosinophilic Focus TGLS = 3-2]

Lymph Node

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Mild

Mammary Gland

Fibroadenoma

Note: FIBROADENOMA TGLs = 1-13

Pancreas

Acinus

Atrophy

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
 Test Type: CHRONIC
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: C.I. Pigment red 3
 CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
 Time Report Requested: 01:48:01
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 218	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: A85-3917
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Spleen
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Granuloma	Multiple, Minimal
		Mixed Cell Focus	
	Biliar Tract	Proliferation	Mild
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-13		
Mesentery	Fat	Necrosis	Focal, Moderate
Note: NECROSIS	TGLs = 2-14		
Pancreas	Acinus	Atrophy	Multifocal, Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 219

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

Pancreas

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Granuloma
Hepatodiaphragmatic Nodule
Mixed Cell Focus

Chronic, Moderate

Multiple, Minimal
Mild
Multiple

[Hepatodiaphragmatic Nodule TGLS = 7-14]

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation
Fibroadenoma

Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Mild

Mammary Gland

[Fibroadenoma TGLS = 2-13]

Ovary

[Cyst TGLS = 3-6]

Cyst

Moderate

Pituitary Gland

Pars Distalis
Pars Distalis
Pars Distalis

Adenoma
Angiectasis
Cyst

Mild
Mild

[Adenoma TGLS = 6-1]

[Angiectasis TGLS = 6-1]

[Cyst TGLS = 6-1]

Uterus

Hemorrhage

Mild

[Hemorrhage TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 220

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Pancreas

Lung
Skin

Lymph Node - Mandibular
Spleen

Mammary Gland

OBSERVATIONS

Clitoral Gland

Hyperplasia
Inflammation

Moderate
Subacute, Moderate

Note: HYPERPLASIA TGLs = 3-13
[Inflammation TGLS = 3-13]

Kidney
Liver

Nephropathy
Basophilic Focus
Granuloma
Mixed Cell Focus

Chronic, Mild
Multiple
Multiple, Minimal
Multiple

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Pituitary Gland

Pars Distalis
Pars Distalis

Cyst
Hyperplasia

Mild
Focal, Moderate

Note: HYPERPLASIA TGLs = 6-1
[Hyperplasia TGLS = 6-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 221

TRT#: 8

SEX: Female

DAY ON TEST: 390

DOSE: 0.6%

DISP: Moribund

HISTO: A84032578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Heart
Intestine Small - Ileum
Liver
Ovary
Salivary Glands
Thymus
Urinary Bladder

Adrenal Gland - Medulla
Intestine Large - Cecum
Intestine Small - Jejunum
Lung
Pancreas
Skin
Thyroid Gland
Uterus

Bone
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Tissue NOS

Brain
Intestine Small - Duodenum
Kidney
Nose
Pituitary Gland
Stomach - Glandular
Trachea

MISSING

Clitoral Gland Esophagus

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Mammary Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 1-21]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 222

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Dead

HISTO: A85-3921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Brain		Hemorrhage	Multifocal, Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
	Antr Chamber	Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 6-13		
Note: CATARACT	TGLs = 6-13+14		
Note: DEGEN	TGLs = 6-13+14		
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Granuloma	Multiple, Minimal
Lymph Node	Mesenteric	Hyperplasia	Macrophage, Multifocal, Mild
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 5-1		
Note: ADENOMA	TGLs = 5-1		
Note: ANGIECTASIS	TGLs = 5-1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:01
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 223

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic

Lung

Mammary Gland

Spleen

OBSERVATIONS

Eye

Cataract

Moderate

Retina

Degeneration

Moderate

[Cataract TGLS = 1-13]

[Degeneration TGLS = 1-13]

Kidney

Nephropathy

Chronic, Mild

Liver

Basophilic Focus

Multiple

Granuloma

Multiple, Minimal

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Minimal

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 224

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Mammary Gland

Skin

OBSERVATIONS

Bone

Femur

Osteopetrosis

Mild

Turbinates

Osteopetrosis

Moderate

Eye

Cataract

Mild

Retina

Degeneration

Mild

Antr Chamber

Hemorrhage

Mild

Postr Chamber

Hemorrhage

Mild

[Hemorrhage TGLS = 4-13]

[Hemorrhage TGLS = 4-13]

Kidney

Papilla, Transit Epithe

Hyperplasia

Minimal

Nephropathy

Chronic, Moderate

Liver

Biliar Tract

Proliferation

Mild

Lymph Node

Mandibular

Ectasia

Minimal

Mesenteric

Hyperplasia

Macrophage, Multifocal, Mild

Mesenteric

Pigmentation

Cholesterol, Multifocal, Minimal

Pancreas

Acinus

Atrophy

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:01
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 225	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: A85-3924
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic Spleen	Lung	Lymph Node - Mandibular	Pancreas
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OBSERVATIONS

Eye	Retina	Cataract Degeneration	Marked Marked
[Cataract TGLS = 1-14] [Degeneration TGLS = 1-14]			
Kidney Liver		Nephropathy Basophilic Focus Eosinophilic Focus	Chronic, Mild Multiple
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation Fibroadenoma	Macrophage, Multifocal, Mild Cholesterol, Multifocal, Minimal
Mammary Gland [Fibroadenoma TGLS = 2-13]			
Uterus	Cervix Cervix	Abscess Cyst	Marked Marked
[Abscess TGLS = 3-6] [Cyst TGLS = 3-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 226

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic
Spleen

Lung

Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Adrenal Gland

Capsule, Cortex
Cortex
Medulla

Accessory Adrenal Cortical Nodule
Degeneration
Pheochromocytoma Benign

Mild
Fatty, Multifocal, Moderate

[Accessory Adrenal Cortical Nodule TGLS = 5-17]

[Degeneration TGLS = 5-17]

[Pheochromocytoma Benign TGLS = 5-17]

Bone

Coccygeal, Vertebra

Chordoma
Inflammation

Chronic, Marked

Note: CHORDOMA TGLs = 3-15

Note: [INFLAMMATION] TGLs = 2-14,4-16

Note: BONE LESIONS UNUSUAL AND PERPLEXING

Eye

Retina

Cataract
Degeneration

Mild
Moderate

[Cataract TGLS = 1-13]

[Degeneration TGLS = 1-13]

Kidney

Nephropathy
Basophilic Focus

Chronic, Mild
Multiple

Liver

Lymph Node

Mesenteric
Mesenteric

Hyperplasia
Pigmentation

Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal

Pancreas

Pituitary Gland

Acinus
Pars Distalis
Pars Distalis

Atrophy
Adenoma
Angiectasis

Multifocal, Mild
Moderate

[Adenoma TGLS = 6-1]

[Angiectasis TGLS = 6-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03
Test Type: CHRONIC
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Pigment red 3
CAS Number: 2425-85-6

Date Report Requested: 10/16/2014
Time Report Requested: 01:48:01
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 227	TRT#: 8 DOSE: 0.6%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: A85-3926
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic Spleen	Lung	Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Eye	Retina	Cataract Degeneration	Mild Moderate
[Cataract TGLS = 1-13] [Degeneration TGLS = 1-13]			
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Multiple
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation	Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
Ovary		Cyst	Moderate
Note: CYST TGLs = 3-6			
Pancreas	Acinus	Atrophy	Multifocal, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 228

TRT#: 8

DOSE: 0.6%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: A85-3927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Spleen

Islets, Pancreatic

Lung

Mammary Gland

OBSERVATIONS

Adrenal Gland
Clitoral Gland

Medulla
Duct

Pheochromocytoma Benign
Cyst
Hyperplasia

Mild
Mild

Note: HYPERPLASIA TGLs = 2-14
Note: CYST TGLs = 2-14

Eye

Retina

Cataract
Degeneration

Mild
Marked

Note: CATARACT TGLs = 1-13
Note: DEGEN TGLs = 1-13

Kidney

Papilla, Transit Epithe

Hyperplasia
Nephropathy

Minimal
Chronic, Moderate

Note: NEPHROPATHY TGLs = 7-5

Liver

Basophilic Focus

Multiple

Lymph Node

Mandibular
Mesenteric
Mesenteric
Fat

Ectasia
Hyperplasia
Pigmentation
Necrosis

Minimal
Macrophage, Multifocal, Minimal
Cholesterol, Multifocal, Minimal
Focal, Moderate

Mesentery

Note: NECROSIS TGLs = 4-15

Pancreas

Artery

Inflammation

Subacute, Mild

Pituitary Gland

Pars Distalis
Pars Distalis

Angiectasis
Pigmentation

Moderate
Hemosiderin, Minimal

Note: [ANGIECTASIS] TGLs = 8-1
[Pigmentation TGLs = 8-1]

Thymus

Cyst
Inflammation

Moderate
Subacute, Mild

[Cyst TGLs = 9-17]

[Inflammation TGLs = 9-17]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 228

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 0.6%

DISP: Terminal Sacrifice

HISTO: A85-3927

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Cervix

Abscess

Marked

Cervix

Cyst

Marked

Note: ABSCESS TGLs = 5-16

Note: CYST TGLs = 5-16

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 229

TRT#: 8

SEX: Female

DAY ON TEST: 508

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Capsule, Cortex Medulla	Accessory Adrenal Cortical Nodule Hyperplasia	Mild Focal, Minimal
Heart	Atrium	Thrombosis	Mild
Kidney	Papilla, Transit Epithe	Hyperplasia Nephropathy	Mild Chronic, Moderate
Liver	Centrilobular	Necrosis	Mild
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation	Macrophage, Multifocal, Minimal Cholesterol, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Cyst	Mild
Tooth		Dysplasia	Moderate

Note: ABNORMAL GROWTH BEST OBSERVED ON SLIDE #10

Note: DYSPLASIA TGLs = 5-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05019-03

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 3

CAS Number: 2425-85-6

Date Report Requested: 10/16/2014

Time Report Requested: 01:48:01

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 230

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 0.6%

DISP: Moribund

HISTO: A85-3929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Heart		Cardiomyopathy	Minimal
Intestine Large	Colon	Parasite Metazoan	Mild
	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Multiple
Lymph Node	Mandibular	Ectasia	Minimal
	Mesenteric	Hyperplasia	Macrophage, Multifocal, Minimal
	Mesenteric	Pigmentation	Cholesterol, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Uterus		Dilatation	Moderate

[Dilatation TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE