

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

C Number:	C61096
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	03/29/1990

Experiment Number: 05163-01

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Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 671

DOSE: CONTROL

DISP: Moribund

HISTO: 251599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Salivary Glands
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Nose
Seminal Vesicle
Stomach - Glandular
Zymbal's Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

OBSERVATIONS

Adrenal Gland
Kidney
 Note: NEPHROPATHY TGLs = 3-5
Liver

Pituitary Gland
 Note: ADENOMA TGLs = 2-2
Preputial Gland
Prostate
Testes
Thyroid Gland

Bilateral, Medulla

Bile Duct
Pars Distalis

Interstitial Cell
C Cell

Pheochromocytoma Benign
Nephropathy

Basophilic Focus
Eosinophilic Focus
Hyperplasia
Adenoma

Inflammation
Inflammation
Adenoma
Adenoma

Moderate

Minimal
Mild
Mild

Chronic Active, Mild
Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 711

DOSE: CONTROL

DISP: Dead

HISTO: 251600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain	Brain Stem	Compression	Mild
Note: COMPRESSION TGLs = 7-1			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 1-5			
Liver	Serosa	Fibrosis	Focal, Moderate
	Centrilobular	Necrosis	Coagulative, Moderate
	Serosa	Pigmentation	Focal, Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Moderate
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS TGLs = 5-13			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-2]			
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 2-8.3			
Skin		Ulcer	Moderate
Note: ULCER TGLs = 6-14			
Stomach	Forestomach	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 4-6			
Testes		Hypospermia	Marked
Note: HYOSPERMIA TGLs = 3-8+8.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 711

DOSE: CONTROL

DISP: Dead

HISTO: 251600

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 569

DOSE: CONTROL

DISP: Dead

HISTO: 251601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-2		
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4,5-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,7-8+8.1		
Thymus		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

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Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251602

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 - Mesenteric	Mammary Gland	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-2]			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-8+8.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251603

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver		Angiectasis	Mild
		Basophilic Focus	Mild
		Eosinophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: ANGIECTASIS TGLs = 8,9-3.1		Regeneration	Moderate
Note: REGENERATION TGLs = 7-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-13			
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS TGLs = 5-14			
Pituitary Gland		Cyst	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-3			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 25	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 251603

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 2,3-8+8.1		
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Multifocal, Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mediastinal	Hemorrhage	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-13		
Pituitary Gland		Angiectasis	Mild
Prostate		Atrophy	Moderate
Note: ATROPHY	TGLs = 4-8.2		
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 3-8.3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-8+8.1		
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 564

DOSE: CONTROL

DISP: Dead

HISTO: 251605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3.1]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-4+4.1]			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 10-13		
Note: LEUKEMIA MONUC	TGLs = 5-7		
[Leukemia Mononuclear TGLS = 11-14]			
[Leukemia Mononuclear TGLS = 1-9]			
Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6,7-3]			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-8+8.1		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 564

DOSE: CONTROL

DISP: Dead

HISTO: 251605

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251606

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	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2,3-3.1		
Note: ANOM HEPAT LOB	TGLs = 5-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
Prostate		Hyperplasia	Multifocal, Mild
Seminal Vesicle		Atrophy	Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-8+8.1		
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 636

DOSE: CONTROL

DISP: Moribund

HISTO: 6251607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Prostate	Salivary Glands
Skin	Stomach - Glandular	Trachea	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-6		
Note: LEUKEMIA MONUC	TGLs = 4-9		
Nose		Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-2		
Seminal Vesicle		Atrophy	Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-3.2		
Stomach	Forestomach	Ulcer	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
Thymus	Epithel Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 636

DOSE: CONTROL

DISP: Moribund

HISTO: 6251607

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland
Urinary Bladder

C Cell

Adenoma
Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

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Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251608

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
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-2]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	Mild
		Neoplastic Nodule	
		Regeneration	Moderate
Note: MIXED CL FOCUS	TGLs = 6-3.1+3.2		
Note: REGENERATION	TGLs = 7,8-3.1+3.2		
Lung	Interstitium	Inflammation	Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mesenteric	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 2-8.3		
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 30	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 251608

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FIBROSIS	TGLs = 5-3		
Testes		Bilateral, Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 1-8+8.1		

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 529

DOSE: CONTROL

DISP: Dead

HISTO: 251609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Zymbal's Gland		

OBSERVATIONS

Epididymis		Mesothelioma Malignant	Metastatic (Testes)
Heart	Atrium	Thrombosis	Mild
[Thrombosis TGLS = 6-3]			
Kidney		Nephropathy	Minimal
		Pigmentation	Moderate
Liver	Centrilobular	Necrosis	Coagulative, Moderate
[Necrosis TGLS = 7,8-3.1]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Moderate
Mesentery		Mesothelioma Malignant	Metastatic (Testes)
Note: MESOTHELIO MAL TGLs = 5-6+7+13			
Seminal Vesicle		Atrophy	Moderate
		Mesothelioma Malignant	Metastatic (Testes)
Note: ATROPHY TGLs = 4-8.3			
Testes	Bilateral, Interstit Cell	Adenoma	
		Hypospermia	Marked
		Mesothelioma Malignant	
Note: ADENOMA TGLs = 2,3-8+8.1			
Note: HYOSPERMIA TGLs = 3-8.1			
Urinary Bladder		Mesothelioma Malignant	Metastatic (Testes)

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 6-5		
Liver		Basophilic Focus	Minimal
		Eosinophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
Lung	Interstitial	Inflammation	Mild
Nose		Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-2]			
Preputial Gland		Carcinoma	
Note: CARCINOMA	TGLs = 2-8.2		
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 5-8.3		
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 1-13		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3,4-8+8.1		
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251610

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver		Basophilic Focus	Minimal
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Mild
Note: [BASOPH FOCUS] TGLs = 5-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
Nose		Inflammation	Suppurative, Mild
Preputial Gland		Inflammation	Suppurative, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 3-8.3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-8+8.1			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 475

DOSE: CONTROL

DISP: Dead

HISTO: 251612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 2-5		
Liver	Serosa	Fibrosis	Focal, Moderate
	Bile Duct	Hyperplasia	Mild
	Serosa	Pigmentation	Focal, Moderate
Lung		Congestion	Moderate
	Interstitium	Inflammation	Mild
Note: CONGESTION	TGLs = 5-4+4.4		
Lymph Node	Mandibular	Hemorrhage	Mild
	Mediastinal	Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 4-13		
Mesentery	Fat	Necrosis	Focal, Marked
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland		Cyst	
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 682

DOSE: CONTROL

DISP: Moribund

HISTO: 251613

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
Nose	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Diffuse, Moderate
Heart		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-3		
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3,4-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-9		
Mesentery		Hemorrhage	Moderate
	Fat	Necrosis	Focal, Moderate
Note: NECROSIS	TGLs = 10-13		
Note: HEMORRHAGE	TGLs = 9-13		
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 8-2		
Preputial Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-8.2		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 35	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Moribund	DAY ON TEST: 682 HISTO: 251613
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ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-3		
Stomach	Glandular	Leukemia Mononuclear	
Testes	Interstit Cell	Hyperplasia	Mild
Thymus	Epithel Cell	Hyperplasia	Mild
		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: CONTROL

DISP: Moribund

HISTO: 251614

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Preputial Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 11-3.1]			
[Leukemia Mononuclear TGLS = 11-3.1]			
Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-4+4.1]			
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS TGLs = 8-13			
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Leukemia Mononuclear	
Seminal Vesicle		Atrophy	Mild
Note: ATROPHY TGLs = 3-8.3			
Spleen		Leukemia Mononuclear	
		Necrosis	Moderate
Note: NECROSIS TGLs = 7-3			
[Leukemia Mononuclear TGLS = 5,6-3]			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-8+8.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: CONTROL

DISP: Moribund

HISTO: 251614

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Carcinoma	
Note: [CARCINOMA] TGLs = 9-2			

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Bone Marrow

Brain

Esophagus

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lymph Node - Mandibular

Lymph Node - Mesenteric

Mammary Gland

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Stomach - Forestomach

Stomach - Glandular

Thymus

Thyroid Gland

Trachea

Urinary Bladder

Zymbal's Gland

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland

Medulla

Hyperplasia

Focal, Mild

Medulla

Pheochromocytoma Benign

[Pheochromocytoma Benign TGLS = 6-2]

Epididymis

Granuloma Sperm

Moderate

Kidney

Nephropathy

Moderate

Liver

Angiectasis

Mild

Bile Duct

Hyperplasia

Mild

Leukemia Mononuclear

[Angiectasis TGLS = 4-3.1]

Lung

Leukemia Mononuclear

Nose

Fungus

Mild

Inflammation

Suppurative, Mild

Atrophy

Moderate

Seminal Vesicle

Note: ATROPHY TGLs = 7-8.3

Skin

Subcut Tiss

Fibroma

Note: FIBROMA TGLs = 1-13

Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 5-3]

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 2,3-8+8.1

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251615

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 38	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 251616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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 - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Preputial Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 4-8.3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,2,3,5-8+8.1		
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Islets, Pancreatic
Mammary Gland
Prostate
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Stomach - Glandular
Zymbal's Gland

Bone Marrow
Heart
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Skin
Thymus

Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Spleen
Trachea

OBSERVATIONS

Intestine Large
Kidney
Liver

Rectum

Parasite Metazoan
Nephropathy
Basophilic Focus
Clear Cell Focus
Degeneration
Hepatodiaphragmatic Nodule
Hyperplasia
Mixed Cell Focus

Mild
Mild
Minimal
Minimal
Cystic, Minimal
Mild
Minimal

Bile Duct

Note: ANOM HEPAT LOB TGLs = 3-3.1

Pancreas
Preputial Gland
Seminal Vesicle

Acinus
Duct

Atrophy
Ectasia
Atrophy

Mild
Moderate
Moderate

Note: ATROPHY TGLs = 2-8.3

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 1-8+8.1

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Intestine Small	Ileum	Inflammation	Granulomatous, Moderate
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Pigmentation	Hemosiderin, Moderate
Prostate		Hyperplasia	Multifocal, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 680

DOSE: CONTROL

DISP: Dead

HISTO: 251619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Prostate
Stomach - Glandular
Zymbal's Gland

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

Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Spleen
Trachea

Esophagus
Intestine Small - Duodenum
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

MISSING

Lymph Node - Mandibular

Lymph Node - Mesenteric

Salivary Glands

OBSERVATIONS

Adrenal Gland
Note: [PHEOCHROM MAL] TGLs = 3-2

Medulla

Pheochromocytoma Malignant

Bone Marrow

Hemorrhage

Mild

Heart

Cardiomyopathy

Mild

Kidney

Nephropathy

Mild

Liver

Bile Duct

Hyperplasia

Mild

Lung

Infiltration Cellular

Histiocyte, Minimal

Interstitium

Inflammation

Minimal

Bilateral

Carcinoma

Preputial Gland

Note: CARCINOMA TGLs = 1-8.2

Seminal Vesicle

Inflammation

Chronic Active, Mild

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 2-8+8.1

Thyroid Gland

C Cell

Adenoma

Note: ADENOMA TGLs = 4-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Thymus

OBSERVATIONS

Kidney		Nephropathy	Mild
		Pigmentation	Mild
Note: PIGMENT	TGLs = 6-5		
Liver		Mixed Cell Focus	Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Adenoma	
Prostate		Atrophy	Moderate
		Hyperplasia	Focal, Mild
Note: ATROPHY	TGLs = 5-8.2		
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 4-8.3		
Skin		Basal Cell Adenoma	
		Cyst Epithelial Inclusion	
Note: SEBACEOUS DIFFERENTIATION.			
Note: BASAL CEL ADEN	TGLs = 1-13		
Note: CYSTIC BASAL CELL ADENOMA WITH NO SQUAMOUS OR			
Note: CYST EPITH INC	TGLs = 2-14		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-8+8.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251620

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE I LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 706

DOSE: CONTROL

DISP: Dead

HISTO: 251621

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	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3.1			
Lung	Bronchiole	Inflammation	Acute, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4+4.1			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Prostate		Hyperplasia	Focal, Mild
Seminal Vesicle		Atrophy	Moderate
Skin	Sebaceous GI	Carcinoma	
Note: [CARCINOMA] TGLs = 5-13			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 706

DOSE: CONTROL

DISP: Dead

HISTO: 251621

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 1-8+8.1

Thymus	Epithel Cell	Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 641

DOSE: CONTROL

DISP: Moribund

HISTO: 251622

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	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Stomach - Forestomach	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Minimal
Liver		Degeneration	Cystic, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular	Hemorrhage	Moderate
	Bile Duct	Hyperplasia	Moderate
Note: HEMORRHAGE TGLs = 10-3.1			
Note: HYPERPLASIA TGLs = 10-3.1			
Lung		Hemorrhage	Minimal
		Lymphoma Malignant	
Note: HEMORRHAGE TGLs = 6-4+4.1			
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 5-8.3			
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-13			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 8,9-3			
Stomach	Glandular	Erosion	Mild
Note: EROSION TGLs = 11-6			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 44	TRT#: 1	SEX: Male	DAY ON TEST: 641
	DOSE: CONTROL	DISP: Moribund	HISTO: 251622

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 2,3,4-8+8.1	
Thymus		Lymphoma Malignant

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Prostate
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver		Angiectasis	Mild
		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Multifocal, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	Minimal
Note: ANGIECTASIS TGLs = 6-3.1			
Lymph Node	Mediastinal	Hemorrhage	Mild
Pancreas	Acinus	Hyperplasia	Focal, Mild
Pituitary Gland		Cyst	
Note: CYST TGLs = 7-2			
Preputial Gland	Duct	Ectasia	Moderate
Salivary Glands		Carcinoma	
Note: CARCINOMA TGLs = 2-9			
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 4-8.3			
Skin		Squamous Cell Papilloma	
Note: SQ CL PAPILOM TGLs = 1-13			
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251623

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 3-8+8.1

Thymus

Epithel Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE I LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 687

DOSE: CONTROL

DISP: Moribund

HISTO: 251624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 10-1]			
Intestine Large	Colon	Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC	TGLs = 9-5		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-7		
Note: LEUKEMIA MONUC	TGLs = 7-9		
Note: LEUKEMIA MONUC	TGLs = 5-13		
Nose		Inflammation	Suppurative, Mild
Pancreas		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 46	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Moribund	DAY ON TEST: 687 HISTO: 251624
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ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland Note: ADENOMA TGLs = 6-2	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Moderate
Skin	Subcut Tiss	Leukemia Mononuclear	
Spleen Note: LEUKEMIA MONUC TGLs = 3-3		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 2-8+8.1	Bilateral, Interstit Cell	Adenoma	
Urinary Bladder Note: ECTASIA TGLs = 1-8.2		Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL

DISP: Dead

HISTO: 251625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Bone Marrow		Hemorrhage	Marked
Brain	Brain Stem	Compression	Mild
Heart		Cardiomyopathy	Mild
	Atrium	Dilatation	Moderate
Note: DILATATION TGLs = 4-3			
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 5,6-5			
Liver		Basophilic Focus	Minimal
		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 7-3.1			
Mammary Gland		Hyperplasia	Nodular, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-2			
Spleen		Pigmentation	Hemosiderin, Moderate
Stomach	Forestomach	Hyperplasia	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-8+8.1			
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA TGLs = 3-2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: C.I. Acid red 114
 CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
 Time Report Requested: 23:24:42
 First Dose M/F: NA / NA
 Lab: HLA

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Thyroid Gland	Trachea	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Bone Marrow		Atrophy	Moderate
Heart	Atrium	Leukemia Mononuclear	
Note: THROMBUS TGLs = 4-3		Thrombosis	Moderate
Kidney		Nephropathy	Mild
Liver	Bile Duct	Basophilic Focus	Mild
		Hyperplasia	Mild
Note: LEUKEMIA MONUC TGLs = 7-3.1		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-4+4.1			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-13			
Pancreas		Leukemia Mononuclear	
Seminal Vesicle		Atrophy	Moderate
		Leukemia Mononuclear	
Note: ATROPHY TGLs = 2-8.3			
Spleen		Leukemia Mononuclear	
Stomach	Glandular	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 48	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 251626
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ORGAN AND ACCOUNTABLE SITE STATUS

Testes Note: ADENOMA TGLs = 1-8+8.1	Bilateral, Interstit Cell	Adenoma	
Thymus	Epithel Cell	Hyperplasia Leukemia Mononuclear	Mild
Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 355

DOSE: CONTROL

DISP: Moribund

HISTO: 251627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Islets, Pancreatic
Nose
Preputial Gland
Skin
Thymus
Zymbal's Gland

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Pancreas
Prostate
Spleen
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Intestine Large
Note: ULCER TGLs = 2-7.1

Rectum

Ulcer

Marked

Kidney
Liver

Nephropathy
Basophilic Focus

Minimal
Minimal

Periportal

Fatty Change
Giant Cell
Hypospermia

Minimal
Moderate
Moderate

Note: GIANT CELL TGLs = 1-8+8.1
Note: HYOSPERMIA TGLs = 1-8+8.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 50 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 732
DOSE: CONTROL **DISP:** Terminal Sacrifice **HISTO:** 251628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Eosinophilic Focus	Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland		Cyst	
Preputial Gland		Adenoma	
Note: ADENOMA TGLs = 5-8.2			
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 3-8.3			
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 4-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-8+8.1			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 51

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Preputial Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
[Hyperplasia TGLS = 4-2]			
Intestine Large	Colon	Parasite Metazoan	Mild
	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
Note: [BASOPH FOCUS] TGLs = 3-3.1			
Lymph Node	Mediastinal	Hemorrhage	Mild
Nose		Inflammation	Suppurative, Minimal
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 6-8.3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,5-8+8.1			
Tissue NOS		Inflammation	Chronic, Marked
		Thrombosis	Chronic, Marked
Note: THROMBUS TGLs = 2-13			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 51

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251629

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TISSUE NOS = MESENTERIC ARTERY.

Note: TISSUE NOS = MEDIASTINAL ARTERY.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 52

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Preputial Gland	Thymus
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-5		
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Nose		Fungus	Moderate
		Inflammation	Suppurative, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-2]			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
		Mesothelioma Malignant	
Note: ADENOMA	TGLs = 4-8		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 53

TRT#: 1

SEX: Male

DAY ON TEST: 651

DOSE: CONTROL

DISP: Dead

HISTO: 251631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Congestion	Marked
Note: CONGESTION	TGLs = 6-4+4.1		
Lymph Node	Mesenteric, Sinus	Ectasia	Mild
	Mandibular	Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 4-9		
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS	TGLs = 1-6+13		
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-2]			
Thymus		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 54

TRT#: 1

SEX: Male

DAY ON TEST: 607

DOSE: CONTROL

DISP: Moribund

HISTO: 251632

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	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Heart	Atrium	Thrombosis	Moderate
Kidney		Nephropathy	Mild
		Pigmentation	Moderate
Note: PIGMENT	TGLs = 6-5		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-3.1		
Lung		Leukemia Mononuclear	
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 3-8.3		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Testes	Interstitial Cell	Adenoma	
	Bilateral	Hypospermia	Marked
Note: HYOSPERMIA	TGLs = 2-8+8.1		

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 55	TRT#: 1	SEX: Male	DAY ON TEST: 696
	DOSE: CONTROL	DISP: Moribund	HISTO: 251633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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 - Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Brain		Hemorrhage	Moderate
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node	Mandibular	Hemorrhage	Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Note: ANGIECTASIS TGLs = 4-2			
Seminal Vesicle		Atrophy	Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 2-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-8+8.1			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 56 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 732
DOSE: CONTROL **DISP:** Terminal Sacrifice **HISTO:** 251634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Minimal
	Bile Duct	Hepatodiaphragmatic Nodule	Multiple
		Hyperplasia	Mild
		Mixed Cell Focus	Minimal
Note: ANOM HEPAT LOB TGLs = 3,5-3.1			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 4-4			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Skin	Subcut Tiss	Chordoma	Metastatic (Uncertain Primary Site)
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,6-8+8.1			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 57

TRT#: 1

SEX: Male

DAY ON TEST: 650

DOSE: CONTROL

DISP: Moribund

HISTO: 251635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
Intestine Large	Cecum	Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-13		
Note: LEUKEMIA MONUC	TGLs = 7-7		
Note: LEUKEMIA MONUC	TGLs = 9-14		
Note: LEUKEMIA MONUC	TGLs = 4-9		
Nose		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 57	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Moribund	DAY ON TEST: 650 HISTO: 251635
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: LEUKEMIA MONUC TGLs = 3-3		Leukemia Mononuclear	
Stomach Note: ULCER TGLs = 8-6	Glandular Forestomach	Inflammation Ulcer	Chronic, Mild Marked
Testes Note: ADENOMA TGLs = 2-8+8.1	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 58

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: CONTROL

DISP: Moribund

HISTO: 251636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: DEGEN TGLs = 9,10,11-3.1			
Note: LEUKEMIA MONUC TGLs = 8-3.1			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-4+4.1			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Seminal Vesicle		Atrophy	Mild
Note: ATROPHY TGLs = 1-8.3			
Spleen		Fibrosarcoma	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4,5-3			
Note: FIBROSARC TGLs = 6-3			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 58

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: CONTROL

DISP: Moribund

HISTO: 251636

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2,3-8+8.1

Thymus

Epithel Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 59

TRT#: 1

SEX: Male

DAY ON TEST: 454

DOSE: CONTROL

DISP: Dead

HISTO: 251637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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 - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Carcinoma	
Note: CARCINOMA	TGLs = 7-1		
Kidney		Hydronephrosis	Mild
		Nephropathy	Mild
Liver		Carcinoma	Metastatic (Islets, Pancreatic)
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Necrosis	Coagulative, Mild
Lung		Congestion	Marked
Note: CONGESTION	TGLs = 5-4+4.1		
Lymph Node	Mandibular	Hemorrhage	Mild
	Mediastinal	Hemorrhage	Marked
Note: HEMORRHAGE	TGLs = 1-9		
Note: PANCREATIC LYMPH NODE IS NOT PRESENT.			
Note: GROSS LESION IS FRAGMENT OF ISLET CELL CARCINOMA.			
Note: HEMORRHAGE	TGLs = 4-13		
Mesentery		Carcinoma	Metastatic (Islets, Pancreatic)
Preputial Gland	Duct	Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 59	TRT#: 1	SEX: Male	DAY ON TEST: 454
	DOSE: CONTROL	DISP: Dead	HISTO: 251637

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ECTASIA	TGLs = 2-8.2		
Spleen		Carcinoma	Metastatic (Islets, Pancreatic)
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 60

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251638

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

Lymph Node - Mesenteric

Mammary Gland

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Thymus

Trachea

Urinary Bladder

Zymbal's Gland

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

[Pheochromocytoma Benign TGLS = 4-2]

Heart

Cardiomyopathy

Mild

Kidney

Nephropathy

Mild

Liver

Basophilic Focus

Mild

Bile Duct

Cyst

Bile Duct

Eosinophilic Focus

Minimal

Hyperplasia

Mild

Note: CYST TGLs = 7,8-3.1+3.2

Lung

Note: ALV BRON CARC TGLs = 6-4.1

Alveolar/Bronchiolar Carcinoma

Preputial Gland

Note: CARCINOMA TGLs = 1-8.2

Carcinoma

Seminal Vesicle

Note: ATROPHY TGLs = 3-8.3

Atrophy

Moderate

Testes

Bilateral, Interstit Cell

Note: ADENOMA TGLs = 2-8+8.1

Adenoma

Thyroid Gland

Follicular Cel

Note: [CARCINOMA] TGLs = 5-2

Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 61

TRT#: 1

SEX: Male

DAY ON TEST: 607

DOSE: CONTROL

DISP: Dead

HISTO: 251639

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	Kidney
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Atrophy	Moderate
Heart	Atrium	Thrombosis	Mild
Liver		Leukemia Mononuclear	
		Neoplastic Nodule	
Note: NEOPLASTIC NOD	TGLs = 9-3.1		
Note: LEUKEMIA MONUC	TGLs = 7,8-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Note: INFILTRAT CELL	TGLs = 10-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 11-13		
Note: LEUKEMIA MONUC	TGLs = 6-7		
Note: LEUKEMIA MONUC	TGLs = 13-15		
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS	TGLs = 12-14		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 61	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Dead	DAY ON TEST: 607 HISTO: 251639
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ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Atrophy	Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 14-3			
Testes	Interstit Cell Bilateral	Adenoma Hypospermia	Marked
Note: HYOSPERMIA TGLs = 3-8+8.1			
Note: ADENOMA TGLs = 4-8			

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 62

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Preputial Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Salivary Glands
Stomach - Glandular
Zymbal's Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Parathyroid Gland
Skin
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Pituitary Gland
Spleen
Trachea

MISSING

Thymus

OBSERVATIONS

Kidney
Liver
Note: [HYPERPLASIA] TGLs = 3-3.1
Lung

Lymph Node
Prostate
Seminal Vesicle
Testes
Note: ADENOMA TGLs = 1,2,4-8+8.1

Bile Duct

Alveolar Epith

Mandibular, Sinus

Bilateral, Interstit Cell

Nephropathy
Hyperplasia

Hyperplasia
Infiltration Cellular
Ectasia
Inflammation
Atrophy
Adenoma

Moderate
Mild

Focal, Minimal
Histiocyte, Minimal
Moderate
Chronic Active, Moderate
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 63

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251641

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	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hyperplasia TGLS = 3-3.1]			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4,5-4+4.1			
Lymph Node	Mandibular	Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS TGLs = 6-13			
Prostate		Hyperplasia	Multifocal, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 8-8.3			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-8+8.1			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 63

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251641

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 64

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Small - Ileum
Mammary Gland
Prostate
Thymus
Zymbal's Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Nose
Salivary Glands
Thyroid Gland

Brain
Intestine Large - Rectum
Lymph Node - Mandibular
Pancreas
Stomach - Forestomach
Trachea

Epididymis
Intestine Small - Duodenum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Adrenal Gland
Heart
Intestine Large
 Note: DIVERTICULUM TGLs = 8-7
Islets, Pancreatic
 Note: ADENOMA TGLs = 6-6
Kidney
Liver

Lung
Pituitary Gland
Preputial Gland
 Note: CARCINOMA TGLs = 2-8.2
Seminal Vesicle
 Note: ATROPHY TGLs = 3-8.3
Skin
 Note: [FIBROMA] TGLs = 1-13
Spleen
 Note: LIPOMA TGLs = 7-3
Testes
 Note: ADENOMA TGLs = 4,5-8+8.1

Medulla

Colon

Bile Duct

Subcut Tiss

Bilateral, Interstit Cell

Pheochromocytoma Benign
Cardiomyopathy
Diverticulum

Adenoma

Nephropathy
Basophilic Focus
Hyperplasia
Mixed Cell Focus
Infiltration Cellular
Cyst
Carcinoma

Atrophy

Fibroma

Lipoma

Adenoma

Mild
Marked

Mild
Mild
Mild
Moderate
Histiocyte, Minimal

Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 64

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251642

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 65 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 590
DOSE: CONTROL **DISP:** Moribund **HISTO:** 251643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Brain	Brain Stem	Compression	Moderate
Note: COMPRESSION TGLs = 8-1			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 5-5			
Liver		Fatty Change	Diffuse, Moderate
Note: FATTY CHANGE TGLs = 6-3.1			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-2]			
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 3-8.3			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 11-3			
Stomach	Forestomach	Ulcer	Marked
Note: ULCER TGLs = 9-6.1			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
		Hypospermia	Marked
Note: ADENOMA TGLs = 2-8.1			
Note: HYOSPERMIA TGLs = 1-8			
Thymus	Epithel Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 65

TRT#: 1

SEX: Male

DAY ON TEST: 590

DOSE: CONTROL

DISP: Moribund

HISTO: 251643

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 66

TRT#: 1

SEX: Male

DAY ON TEST: 458

DOSE: CONTROL

DISP: Dead

HISTO: 251644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone Marrow		Atrophy	Moderate
Epididymis		Mesothelioma Malignant	Metastatic (Testes)
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Hemorrhage	Mild
	Pancreatic	Hemorrhage	Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
		Hypospermia	Mild
		Mesothelioma Malignant	
Note: HYOSPERMIA	TGLs = 1-8+8.1		
Tooth		Dysplasia	Moderate
Note: MYXOMATOUS AREA SURROUNDING INCISOR ROOTS.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 67

TRT#: 1

SEX: Male

DAY ON TEST: 701

DOSE: CONTROL

DISP: Moribund

HISTO: 251645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Stomach - Glandular
Thyroid Gland	Trachea	Zymbal's Gland	

OBSERVATIONS

Epididymis		Mesothelioma Malignant	Metastatic (Testes)
Kidney		Nephropathy	Mild
Lung		Fibrosarcoma	Metastatic (Skin)
Note: FIBROSARC	TGLs = 2-4+4.1		
Nose		Inflammation	Suppurative, Mild
Seminal Vesicle		Atrophy	Mild
		Mesothelioma Malignant	Metastatic (Testes)
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-13		
Spleen		Mesothelioma Malignant	Metastatic (Testes)
Stomach	Forestomach	Ulcer	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
Note: MESOTHELIO MAL	TGLs = 1-8+8.1+13		
Thymus	Epithel Cell	Hyperplasia	Mild
Urinary Bladder		Hemorrhage	Mild
		Mesothelioma Malignant	Metastatic (Testes)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:42

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 68

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL

DISP: Dead

HISTO: 251646

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	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Mild
Note: THROMBUS TGLs = 6-3			
Kidney		Nephropathy	Moderate
Liver		Infarct	Marked
		Leukemia Mononuclear	
Note: INFARCT TGLs = 3-3.1			
Lung		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-8+8.1			

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 69	TRT#: 1	SEX: Male	DAY ON TEST: 733
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 251647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Basophilic Focus	Mild
		Clear Cell Focus	Mild
		Hyperplasia	Mild
Note: CLEAR CL FOCUS	TGLs = 4-3.1		
Lung	Bile Duct	Hyperplasia	Focal, Mild
Seminal Vesicle	Alveolar Epith	Atrophy	Moderate
Note: ATROPHY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 70

TRT#: 1

SEX: Male

DAY ON TEST: 131

DOSE: CONTROL

DISP: Dead

HISTO: 251648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Carcinoma	
Note: CARCINOMA	TGLs = 8-5.1+5.2		
Lymph Node		Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 10-9+13		
Mesentery		Inflammation	Chronic Active, Moderate
Pancreas		Inflammation	Chronic Active, Marked
Stomach		Inflammation	Chronic Active, Moderate
Note: INFLAMMATION	TGLs = 9-6		
Testes		Inflammation	Chronic Active, Moderate
Thymus		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 2-9		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 151

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Thymus

OBSERVATIONS

Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: HYPERPLASIA TGLs = 7-3.1			
Note: LEUKEMIA MONUC TGLs = 6-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-6			
Pituitary Gland		Angiectasis	Mild
Note: ANGIECTASIS TGLs = 5-2			
Prostate		Hyperplasia	Focal, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 3-8.3			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 151

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251729

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 1,2-8+8.1

Thyroid Gland

Ultimobranchial Cyst

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 152

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain		Astrocytoma Malignant	
Intestine Large	Rectum	Inflammation	Chronic Active, Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	Mild
Note: ANOM HEPAT LOB TGLs = 3-3.1			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-2			
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
Note: DISPLACED FRAGMENT OF ICT ADJACENT TO EPIDIDYMIS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:42
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 152

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251730

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 1-8

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 153

TRT#: 3

SEX: Male

DAY ON TEST: 641

DOSE: 0.007

DISP: Moribund

HISTO: 251731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Thymus

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Angiectasis	Mild
		Basophilic Focus	Minimal
		Eosinophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Atrophy	Moderate
Seminal Vesicle			
Note: ATROPHY	TGLs = 4-8.3		
Skin		Fibroma	
Note: FIBROMA	TGLs = 5-13		
Testes		Adenoma	
Note: ADENOMA	TGLs = 1,2,3-8+8.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 154

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Mammary Gland	Preputial Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver		Eosinophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 6-8.3			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2,3-8+8.1			

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 155

TRT#: 3

SEX: Male

DAY ON TEST: 631

DOSE: 0.007

DISP: Dead

HISTO: 251733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Infarct	Marked
Note: INFARCT TGLs = 3-3.1			
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL TGLs = 5-4+4.1			
Nose		Fungus	Mild
		Inflammation	Suppurative, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 6-8.3			
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-13			
Testes	Bilateral, Interstit Cell	Adenoma	
		Hypospermia	Marked
Note: HYOSPERMIA TGLs = 2-8+8.1			
Thymus		Neoplasm Nos	
Note: NEOPLASM TGLs = 4-9			
Note: THYMIC PAPILOMA ARISING FROM EPITHELIAL CELLS.			
Note: THYMIC PAPILOMA ARISING FROM THYMIC EPITHELIAL CELLS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 155

TRT#: 3

SEX: Male

DAY ON TEST: 631

DOSE: 0.007

DISP: Dead

HISTO: 251733

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 156

TRT#: 3

SEX: Male

DAY ON TEST: 658

DOSE: 0.007

DISP: Moribund

HISTO: 251734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Epididymis		Mesothelioma Malignant	Metastatic (Testes)
Intestine Large	Cecum	Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 8-7		
Islets, Pancreatic		Carcinoma	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 6-5		
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Seminal Vesicle		Atrophy	Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 2-13		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 156

TRT#: 3

SEX: Male

DAY ON TEST: 658

DOSE: 0.007

DISP: Moribund

HISTO: 251734

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 3,7-8+8.1

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 157

TRT#: 3

SEX: Male

DAY ON TEST: 649

DOSE: 0.007

DISP: Dead

HISTO: 251735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Skin	Stomach - Glandular	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 9-7			
Note: LEUKEMIA MONUC TGLs = 4-13			
Note: LEUKEMIA MONUC TGLs = 3-9			
[Leukemia Mononuclear TGLs = 8-14]			
Nose		Fungus	Moderate
		Inflammation	Suppurative, Marked
Prostate		Hyperplasia	Focal, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 7-8.3			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-3			
Stomach	Forestomach	Ulcer	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6-8+8.1			
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 157

TRT#: 3

SEX: Male

DAY ON TEST: 649

DOSE: 0.007

DISP: Dead

HISTO: 251735

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

Follicular Cel

Hyperplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 158

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Thymus

OBSERVATIONS

Epididymis		Mesothelioma Malignant	Metastatic (Testes)
Intestine Large	Rectum	Parasite Metazoan	Mild
Intestine Small	Jejunum	Mesothelioma Malignant	Metastatic (Testes)
Kidney		Nephropathy	Moderate
		Pigmentation	Moderate
Note: PIGMENT	TGLs = 7-5		
Note: NEPHROPATHY	TGLs = 6-5		
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mesothelioma Malignant	Metastatic (Testes)
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mesentery		Mesothelioma Malignant	Metastatic (Testes)
Note: MESOTHELIO MAL	TGLs = 5-13		
Nose		Fungus	Moderate
		Inflammation	Suppurative, Moderate
Pancreas		Mesothelioma Malignant	Metastatic (Testes)
Note: MESOTHELIO MAL	TGLs = 12-6		
Prostate		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 158

TRT#: 3
DOSE: 0.007

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 251736

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY TGLs = 11-8.2
Seminal Vesicle

Note: ATROPHY TGLs = 10-8.3
Spleen
Testes

Bilateral, Interstit Cell

Mesothelioma Malignant

Atrophy
Mesothelioma Malignant

Leukemia Mononuclear
Adenoma
Mesothelioma Malignant

Metastatic (Testes)

Moderate
Metastatic (Testes)

Note: MESOTHELIO BGN TGLs = 2,3,4-8+8.1

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 159

TRT#: 3

SEX: Male

DAY ON TEST: 530

DOSE: 0.007

DISP: Moribund

HISTO: 251737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone Marrow

Brain

Epididymis

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lymph Node - Mandibular

Lymph Node - Mesenteric

Mammary Gland

Nose

Pancreas

Parathyroid Gland

Prostate

Salivary Glands

Seminal Vesicle

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Thymus

Thyroid Gland

Trachea

Urinary Bladder

Zymbal's Gland

OBSERVATIONS

Heart

Cardiomyopathy

Mild

Intestine Large

Rectum

Parasite Metazoan

Mild

Kidney

Nephropathy

Mild

Liver

Basophilic Focus

Minimal

Bile Duct

Hyperplasia

Mild

Lung

Mixed Cell Focus

Minimal

Pituitary Gland

Pars Distalis

Infiltration Cellular

Histiocyte, Minimal

Adenoma

Cyst

[Adenoma TGLS = 2-2]

[Cyst TGLS = 2-2]

Preputial Gland

Carcinoma

Note: CARCINOMA TGLs = 1-8.2

Testes

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 160

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Brain	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Myelofibrosis	Moderate
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-5		
Liver		Angiectasis	Mild
		Basophilic Focus	Mild
		Eosinophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: ANGIECTASIS	TGLs = 7,8-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mediastinal	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
Nose		Fungus	Moderate
		Inflammation	Suppurative, Moderate
Pituitary Gland		Angiectasis	Mild
Seminal Vesicle		Atrophy	Mild
Note: ATROPHY	TGLs = 4-8.3		
Skin		Basal Cell Adenoma	Multiple
	Epidermis	Hyperplasia	Basal Cell, Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 160

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251738

ORGAN AND ACCOUNTABLE SITE STATUS

Note: BASAL CEL ADEN TGLs = 1-13

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 6-3

Testes

Bilateral, Interstit Cell

Adenoma

Mesothelioma Malignant

Note: ADENOMA TGLs = 2,3-8+8.1

Thyroid Gland

Follicular Cel

Carcinoma

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 161

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 0.007

DISP: Dead

HISTO: 251739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Pancreas	Parathyroid Gland	Preputial Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Brain		Hemorrhage	Moderate
[Hemorrhage TGLS = 12-1]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6,7-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 10,11-4+4.1		
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-7		
Note: LEUKEMIA MONUC	TGLs = 9-14		
[Leukemia Mononuclear TGLS = 5-13]			
[Leukemia Mononuclear TGLS = 8-9]			
[Leukemia Mononuclear TGLS = 15-15]			
Nose		Fungus	Mild
		Inflammation	Suppurative, Mild
Pituitary Gland		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 13-2		
Prostate		Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 161	TRT#: 3 DOSE: 0.007	SEX: Male DISP: Dead	DAY ON TEST: 694 HISTO: 251739
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ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-8.1 [Adenoma TGLS = 1-8]		Hypospermia	Moderate
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 162

TRT#: 3

SEX: Male

DAY ON TEST: 447

DOSE: 0.007

DISP: Dead

HISTO: 251740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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 - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Zymbal's Gland		

OBSERVATIONS

Epididymis		Mesothelioma Malignant	Metastatic (Testes)
Heart	Atrium	Thrombosis	Mild
Kidney	Interstit Tiss	Fibrosis	Focal, Moderate
		Nephropathy	Mild
Liver	Centrilobular	Fatty Change	Moderate
	Centrilobular	Necrosis	Coagulative, Moderate
Note: NECROSIS	TGLs = 7-3.1		
Note: FATTY CHANGE	TGLs = 7-3.1		
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mediastinal	Pigmentation	Hemosiderin, Moderate
Note: PIGMENT	TGLs = 6-9+14		
Mesentery		Mesothelioma Malignant	Metastatic (Testes)
Note: MESOTHELIO MAL	TGLs = 3-13		
Pancreas	Acinus	Atrophy	Mild
Prostate		Mesothelioma Malignant	Metastatic (Testes)
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 2-8.3		
Spleen		Hematopoietic Cell Proliferation	Moderate
		Mesothelioma Malignant	Metastatic (Testes)
Testes	Interstit Cell	Adenoma	
		Hypospermia	Marked
		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 162

TRT#: 3

SEX: Male

DAY ON TEST: 447

DOSE: 0.007

DISP: Dead

HISTO: 251740

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 5-8.1

Note: HYOSPERMIA TGLs = 4-8

Thymus

Hemorrhage

Moderate

Urinary Bladder

Mesothelioma Malignant

Metastatic (Testes)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 163

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Cyst	
		Nephropathy	Mild
Note: CYST	TGLs = 6-5		
Liver		Basophilic Focus	Mild
		Hyperplasia	Mild
		Mixed Cell Focus	Mild
		Alveolar/Bronchiolar Adenoma	
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS	TGLs = 3-13		
Nose		Fungus	Moderate
		Inflammation	Suppurative, Moderate
Pituitary Gland		Cyst	
[Cyst TGLS = 7-2]			
Prostate		Atrophy	Mild
		Inflammation	Chronic Active, Moderate
Note: ATROPHY	TGLs = 5-8.2		
Seminal Vesicle		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 163

TRT#: 3
DOSE: 0.007

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 251741

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY TGLs = 4-8.3

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 1,2-8+8.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 164

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251742

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	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Multifocal, Mild
Heart		Cardiomyopathy	Mild
Intestine Small	Jejunum	Leiomyoma	
Note: LEIOMYOMA TGLs = 3-6			
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 2-5			
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Seminal Vesicle		Atrophy	Moderate
Skin		Basal Cell Adenoma	
		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 5-13			
Note: BASAL CEL ADEN TGLs = 6-14			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-8+8.1			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	
Note: ADENOMA TGLs = 4-2			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 164

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251742

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 165

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Moderate
[Hyperplasia TGLS = 5-3.1]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS	TGLs = 4-13		
Pituitary Gland		Cyst	
[Cyst TGLS = 6-2]			
Prostate		Atrophy	Mild
		Hyperplasia	Focal, Mild
Note: ATROPHY	TGLs = 3-8.2		
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 2-8.3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-8+8.1		
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 166 TRT#: 3 SEX: Male DAY ON TEST: 524
DOSE: 0.007 DISP: Moribund HISTO: 251744

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
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Zymbal's Gland			

MISSING

Prostate	Seminal Vesicle	Thymus	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Moderate
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Atrophy	Moderate
Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
		Hypospermia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 167

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 0.007

DISP: Moribund

HISTO: 251745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex Bilateral, Medulla	Pheochromocytoma Benign Pheochromocytoma Benign	
Epididymis		Mesothelioma Malignant	Metastatic (Testes)
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus Degeneration Eosinophilic Focus	Moderate Cystic, Moderate Moderate
	Bile Duct	Hyperplasia Leukemia Mononuclear Mixed Cell Focus	Moderate Marked
Note: DEGEN TGLs = 6-3.1 Note: MIXED CL FOCUS TGLs = 6-3.1			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-4+4.1			
Lymph Node	Mandibular, Sinus Mandibular Mesenteric	Ectasia Leukemia Mononuclear Leukemia Mononuclear	Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 3-8.3			
Spleen		Edema	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 167

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 0.007

DISP: Moribund

HISTO: 251745

ORGAN AND ACCOUNTABLE SITE STATUS

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 4-3

Note: EDEMA TGLs = 5-3

Testes

Bilateral, Interstit Cell

Adenoma

Mesothelioma Malignant

Note: ADENOMA TGLs = 1,2-8+8.1

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 168

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-5		
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Mild
		Hyperplasia	Mild
Prostate		Hyperplasia	Focal, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 4-8.3		
Skin		Adenoma	
Note: [ADENOMA]	TGLs = 1-13		
Testes		Adenoma	
		Hypospermia	Marked
Note: ADENOMA	TGLs = 3-8.1		
Note: HYOSPERMIA	TGLs = 2-8		
Thymus		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 169

TRT#: 3

SEX: Male

DAY ON TEST: 352

DOSE: 0.007

DISP: Dead

HISTO: 251747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Pituitary Gland	Preputial Gland
Prostate	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Brain		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
		Necrosis	Marked
Note: NECROSIS	TGLs = 7-14		
Heart		Cardiomyopathy	Mild
	Atrium	Dilatation	Moderate
		Leukemia Mononuclear	
Note: DILATATION	TGLs = 5-3		
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
		Leukemia Mononuclear	
Liver			
Note: LEUKEMIA MONUC	TGLs = 3-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hemorrhage	Moderate
	Mediastinal	Hemorrhage	Moderate
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 6-9+13		
Note: LEUKEMIA MONUC	TGLs = 2-7		
Note: LEUKEMIA MONUC	TGLs = 6-9+13		
Nose		Inflammation	Suppurative, Marked
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 169	TRT#: 3 DOSE: 0.007	SEX: Male DISP: Dead	DAY ON TEST: 352 HISTO: 251747
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ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Leukemia Mononuclear
Salivary Glands		Leukemia Mononuclear
Skeletal Muscle		Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 8-15	
Skin	Subcut Tiss	Leukemia Mononuclear
Spleen		Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 9-3	
Testes	Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 1-8	
Thyroid Gland		Leukemia Mononuclear

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 170

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	Minimal
Kidney		Nephropathy	Moderate
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Regeneration	Mild
Note: REGENERATION	TGLs = 3-3.2		
Note: DEGEN	TGLs = 2-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Suppurative, Minimal
Preputial Gland		Adenoma	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,6-8+8.1		
Thymus	Epithel Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 170

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251748

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 171

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 0.007

DISP: Moribund

HISTO: 251749

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	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
		Pigmentation	Mild
Note: PIGMENT TGLs = 5-5			
Liver		Degeneration	Cystic, Mild
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: HEPATOCLR CARC TGLs = 8-3.1			
Note: LEUKEMIA MONUC TGLs = 7-3.1			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS TGLs = 4-7			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 9-2			
Seminal Vesicle		Atrophy	Mild
Note: ATROPHY TGLs = 3-8.3			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 171

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 0.007

DISP: Moribund

HISTO: 251749

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 6-3

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 1,2-8+8.1

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 172

TRT#: 3

SEX: Male

DAY ON TEST: 666

DOSE: 0.007

DISP: Moribund

HISTO: 251750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Brain Note: COMPRESSION TGLs = 7-1	Brain Stem	Compression	Mild
Heart		Cardiomyopathy	Mild
Kidney Note: NEPHROPATHY TGLs = 4-5		Nephropathy	Moderate
Liver Note: LEUKEMIA MONUC TGLs = 5-3.1		Basophilic Focus Degeneration	Mild Cystic, Minimal
	Bile Duct	Hyperplasia Leukemia Mononuclear	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland [Adenoma TGLS = 8-2]	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Mild
Skin Note: CYST EPITH INC TGLs = 2-13		Cyst Epithelial Inclusion	
Spleen Note: LEUKEMIA MONUC TGLs = 3-3		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 1-8	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 172

TRT#: 3
DOSE: 0.007

SEX: Male
DISP: Moribund

DAY ON TEST: 666
HISTO: 251750

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Carcinoma	
Note: [CARCINOMA] TGLs = 6-2			

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 173

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251751

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 - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Mild
Note: [HYPERPLASIA] TGLs = 3-3.1			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
Seminal Vesicle		Atrophy	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-8+8.1			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 174

TRT#: 3

SEX: Male

DAY ON TEST: 701

DOSE: 0.007

DISP: Moribund

HISTO: 251752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mammary Gland	Nose	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 3,4,5-3.1+3.2			
Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Leukemia Mononuclear	
Seminal Vesicle		Atrophy	Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-8+8.1			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 175

TRT#: 3

SEX: Male

DAY ON TEST: 545

DOSE: 0.007

DISP: Dead

HISTO: 251753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 7,8-3.1]		
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 6-13		
Pancreas	Acinus	Atrophy	Mild
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
		Necrosis	Moderate
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Note: ADENOMA	TGLs = 2-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 175

TRT#: 3

SEX: Male

DAY ON TEST: 545

DOSE: 0.007

DISP: Dead

HISTO: 251753

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 176

TRT#: 3

SEX: Male

DAY ON TEST: 705

DOSE: 0.007

DISP: Dead

HISTO: 251754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-3		
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 177

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Multifocal, Minimal
Note: PHEOCHROM BGN TGLs = 5-2			
Brain	Brain Stem	Compression	Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 6-5			
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
Lung	Interstitialium	Inflammation	Mild
Note: INFLAMMATION TGLs = 7-4+4.1			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Galactocele	
Pancreas	Acinus	Hyperplasia	Focal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-2]			
Preputial Gland	Bilateral	Carcinoma	
Note: CARCINOMA TGLs = 1-8.2			
Prostate		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 4-8.2			
Seminal Vesicle		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 177

TRT#: 3
DOSE: 0.007

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 251755

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell
Note: ADENOMA TGLs = 2,3-8+8.1	

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 178

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251756

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	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Minimal
Note: DEGEN TGLs = 4-3.1			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Preputial Gland		Inflammation	Suppurative, Mild
Seminal Vesicle		Atrophy	Mild
Skin		Basal Cell Adenoma	
		Squamous Cell Carcinoma	
Note: BASAL CEL ADEN TGLs = 2-13			
Note: SQUAM CEL CARC TGLs = 3-14			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-8+8.1			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 178

TRT#: 3
DOSE: 0.007

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 251756

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 179

TRT#: 3

SEX: Male

DAY ON TEST: 465

DOSE: 0.007

DISP: Dead

HISTO: 251757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Skin	Stomach - Forestomach	Thyroid Gland	Trachea
Zymbal's Gland			

OBSERVATIONS

Epididymis		Mesothelioma Malignant	Metastatic (Testes)
Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Moderate
Note: THROMBUS	TGLs = 4-3		
Kidney		Nephropathy	Minimal
Liver	Centrilobular	Fatty Change	Marked
		Mesothelioma Malignant	Metastatic (Testes)
Note: FATTY CHANGE	TGLs = 6-3.1		
Note: MESOTHELIO MAL	TGLs = 7-3.1		
Lymph Node	Mediastinal	Hemorrhage	Mild
		Mesothelioma Malignant	Metastatic (Testes)
Note: MESOTHELIO MAL	TGLs = 3-14		
Note: HEMORRHAGE	TGLs = 3-9		
Mesentery		Mesothelioma Malignant	Metastatic (Testes)
Note: MESOTHELIO MAL	TGLs = 2-3+6+7+13		
Nose		Inflammation	Suppurative, Minimal
Pancreas		Mesothelioma Malignant	Metastatic (Testes)
Note: MESOTHELIO MAL	TGLs = 8,9-3		
Prostate		Inflammation	Suppurative, Mild
Seminal Vesicle		Mesothelioma Malignant	Metastatic (Testes)
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Glandular	Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 179

TRT#: 3

SEX: Male

DAY ON TEST: 465

DOSE: 0.007

DISP: Dead

HISTO: 251757

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Interstit Cell

Adenoma

Hypospermia

Mild

Mesothelioma Malignant

Thymus

Hemorrhage

Mild

Urinary Bladder

Mesothelioma Malignant

Metastatic (Testes)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 180

TRT#: 3

SEX: Male

DAY ON TEST: 530

DOSE: 0.007

DISP: Moribund

HISTO: 251758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Pituitary Gland
Skin
Thymus
Zymbal's Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Prostate
Spleen
Thyroid Gland

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Pancreas
Salivary Glands
Stomach - Forestomach
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Heart
Kidney
Liver
Note: DEGEN TGLs = 4-3.1

Lung
Note: DEGEN TGLs = 4-3.1

Nose
Note: DEGEN TGLs = 4-3.1

Preputial Gland
Note: CARCINOMA TGLs = 1-8.2

Testes
Note: ADENOMA TGLs = 3-8+8.1

Alveolar Epith

Bilateral, Interstit Cell

Cardiomyopathy
Nephropathy
Degeneration

Hyperplasia
Infiltration Cellular
Fungus
Inflammation
Carcinoma

Adenoma

Mild
Mild
Cystic, Minimal
Focal, Minimal
Histiocyte, Minimal
Marked
Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 181

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251759

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	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 6-5		
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Squamous Cell Carcinoma	Metastatic (Skin)
Note: SQUAM CEL CARC	TGLs = 9-4.1		
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mesenteric, Sinus	Ectasia	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
Pancreas	Acinus	Atrophy	Mild
Prostate		Atrophy	Moderate
		Hyperplasia	Focal, Mild
Note: ATROPHY	TGLs = 5-8.2		
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 4-8.3		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 181

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251759

ORGAN AND ACCOUNTABLE SITE STATUS

Skin		Squamous Cell Carcinoma
Note: SQUAM CEL CARC	TGLs = 1-13	
Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 8-3]		
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 2,3-8+8.1	

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 182

TRT#: 3

SEX: Male

DAY ON TEST: 652

DOSE: 0.007

DISP: Dead

HISTO: 251760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Nose
Preputial Gland
Stomach - Glandular
Zymbal's Gland

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Salivary Glands
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Skin
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Heart
Kidney
Liver
Lung
Prostate
Seminal Vesicle
 Note: ATROPHY TGLs = 2-8.3
Spleen
Testes
 Note: ADENOMA TGLs = 3-8+8.1

Bilateral, Interstit Cell

Cardiomyopathy
Nephropathy
Hematopoietic Cell Proliferation
Infiltration Cellular
Hyperplasia
Atrophy

Hematopoietic Cell Proliferation
Adenoma

Mild
Mild
Minimal
Histiocyte, Minimal
Multifocal, Mild
Moderate

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 183

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 0.007

DISP: Terminal Sacrifice

HISTO: 251761

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 - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla Medulla	Hyperplasia Pheochromocytoma Benign	Focal, Mild
Heart		Cardiomyopathy	Mild
Intestine Small	Ileum	Ulcer	Moderate
Kidney		Nephropathy	Moderate
Liver	Bile Duct	Hyperplasia Leukemia Mononuclear Mixed Cell Focus Neoplastic Nodule	Mild Moderate Multiple
Note: NEOPLASTIC NOD TGLs = 6,7-3.2			
Note: MIXED CL FOCUS TGLs = 8-3.1+3.2			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
Mammary Gland		Adenoma	
Note: ADENOMA TGLs = 1-13			
Preputial Gland		Hyperplasia	Squamous, Focal, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 4-8.3			
Spleen		Fibrosis Leukemia Mononuclear	Moderate
Note: FIBROSIS TGLs = 5-3			
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 183

TRT#: 3
DOSE: 0.007

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 251761

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 3-8.1
Note: HYOSPERMIA TGLs = 2-8

Hyospermia

Marked

Thymus Epithel Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 184

TRT#: 3

SEX: Male

DAY ON TEST: 651

DOSE: 0.007

DISP: Dead

HISTO: 251762

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	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Mild
	Atrium	Dilatation	Moderate
Note: DILATATION	TGLs = 4-3		
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular	Necrosis	Coagulative, Mild
Lymph Node	Mediastinal	Hemorrhage	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-2		
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 7-8.3		
Skin		Basal Cell Adenoma	
		Ulcer	Marked
Note: BASAL CEL ADEN	TGLs = 5-13		
Note: ULCER	TGLs = 6-14		
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 2-3		
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 184

TRT#: 3
DOSE: 0.007

SEX: Male
DISP: Dead

DAY ON TEST: 651
HISTO: 251762

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 8-8.1
Note: HYOSPERMIA TGLs = 1-8

Thyroid Gland

Follicular Cel

Hyospermia

Marked

Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 185

TRT#: 3

SEX: Male

DAY ON TEST: 724

DOSE: 0.007

DISP: Dead

HISTO: 251763

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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 6-3]			
Intestine Large	Rectum	Inflammation	Suppurative, Moderate
Kidney		Nephropathy	Moderate
Liver		Cytoplasmic Alteration	Focal, Mild
	Centrilobular	Degeneration	Cystic, Mild
	Bile Duct	Fatty Change	Mild
		Hyperplasia	Mild
	Centrilobular	Leukemia Mononuclear	
		Necrosis	Coagulative, Mild
		Neoplasm Nos	Metastatic (Uncertain Primary Site)
Note: LIVER HAS FOCUS OF ENDOCRINE-APPEARING CELLS.			
[Fatty Change TGLS = 4-3.1]			
[Necrosis TGLS = 5-3.1]			
Lung		Granuloma	Multifocal, Minimal
Nose		Inflammation	Suppurative, Minimal
Seminal Vesicle		Atrophy	Moderate
Skin		Basal Cell Carcinoma	
Note: BASAL CEL CARC TGLs = 1-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-8+8.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 185

TRT#: 3

SEX: Male

DAY ON TEST: 724

DOSE: 0.007

DISP: Dead

HISTO: 251763

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE I LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 241

TRT#: 5

SEX: Male

DAY ON TEST: 641

DOSE: 0.015

DISP: Moribund

HISTO: 251819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Marked
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-3.1+3.2		
Note: [BASOPH FOCUS]	TGLs = 7-3.2		
Lung	Alveolar Epith	Hyperplasia	Multifocal, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 3-8.3		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,2-8+8.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 241

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Moribund

DAY ON TEST: 641
HISTO: 251819

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Epithel Cell	Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 242

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
	Cortex	Leukemia Mononuclear	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 1-5			
Liver	Bile Duct	Angiectasis	Mild
		Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	Mild
		Neoplastic Nodule	
Note: NEOPLASTIC NOD TGLs = 6-3.1			
Note: ANGIECTASIS TGLs = 5-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Minimal
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 2-8.3			
Skin	Sebaceous GI	Adenoma	
		Basal Cell Adenoma	Multiple
	Sebaceous GI	Hyperplasia	Focal, Marked
Note: BASAL CEL ADEN TGLs = 7,8,9,10-13+14+15+16			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 242

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 251820

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 4-3

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 3-8+8.1

Trachea

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 243

TRT#: 5

SEX: Male

DAY ON TEST: 715

DOSE: 0.015

DISP: Moribund

HISTO: 251821

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	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Eye		Cataract	Mild
	Retina	Degeneration	Moderate
Note: CATARACT TGLs = 8-14			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	Mild
Note: LEUKEMIA MONUC TGLs = 10,11-3.1			
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-15]			
Pituitary Gland		Cyst	
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 1-8.3			
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 7-13			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 243	TRT#: 5 DOSE: 0.015	SEX: Male DISP: Moribund	DAY ON TEST: 715 HISTO: 251821
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear Necrosis	Marked
Note: NECROSIS	TGLs = 6-3		
Note: LEUKEMIA MONUC	TGLs = 5-3		
Testes	Interstit Cell	Adenoma Hyospermia	Marked
Note: HYOSPERMIA	TGLs = 2-8		
Note: ADENOMA	TGLs = 3-8.1		
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 244

TRT#: 5

SEX: Male

DAY ON TEST: 325

DOSE: 0.015

DISP: Dead

HISTO: 251822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain		Carcinoma	Metastatic (Zymbal'S Gland)
[Carcinoma TGLs = 4-1]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 2-3.1			
Lung		Congestion	Marked
Note: CONGESTION TGLs = 3-4+4.1			
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mediastinal	Hemorrhage	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA TGLs = 1-9			
Note: ECTASIA TGLs = 1-9			
Nose		Hemorrhage	Minimal
Pituitary Gland		Carcinoma	Metastatic (Zymbal'S Gland)
Note: CARCINOMA TGLs = 5-2			
Tissue NOS		Carcinoma	Metastatic (Zymbal'S Gland)
Note: TISSUE NOS = TRIGEMINAL NERVE.			
Note: CARCINOMA TGLs = 6-1.1			
Zymbal's Gland		Carcinoma	
Note: CARCINOMA TGLs = 7-10.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 244

TRT#: 5

SEX: Male

DAY ON TEST: 325

DOSE: 0.015

DISP: Dead

HISTO: 251822

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 245

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Mild
Lymph Node	Mediastinal	Hemorrhage	Mild
Prostate		Hyperplasia	Focal, Mild
Seminal Vesicle		Atrophy	Moderate
Skin		Keratoacanthoma	
Note: [KERATOACANTHMA] TGLs = 3-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2,8-8+8.1			
Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
Zymbal's Gland		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 245

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251823

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 246

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251824

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
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Moderate
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Moderate
Kidney		Nephropathy	Moderate
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	Mild
Note: [MIXED CL FOCUS] TGLs = 7,8-3.1			
Seminal Vesicle		Atrophy	Mild
Skin		Basal Cell Adenoma	Multiple
Note: BASAL CEL ADEN TGLs = 1,2-13+14			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5,6-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-8+8.1			

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 247

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251825

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 - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM MAL] TGLs = 4-2	Medulla	Pheochromocytoma Malignant	
Heart		Cardiomyopathy	Mild
Kidney Note: NEPHROPATHY TGLs = 5-5		Nephropathy	Moderate
Liver Note: BASOPH FOCUS TGLs = 7-3.1 Note: MIXED CL FOCUS TGLs = 6,7-3.1	Bile Duct	Basophilic Focus Hyperplasia Mixed Cell Focus	Mild Mild Mild
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Pituitary Gland		Cyst	
Seminal Vesicle Note: ATROPHY TGLs = 3-8.3		Atrophy	Moderate
Skin Note: BASAL CEL ADEN TGLs = 8,9,10,11-13+14+15+16		Basal Cell Adenoma	Multiple
Testes Note: ADENOMA TGLs = 1,2-8+8.1	Bilateral, Interstit Cell	Adenoma	
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 248

TRT#: 5

SEX: Male

DAY ON TEST: 714

DOSE: 0.015

DISP: Dead

HISTO: 251826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Spleen

AUTO PRECLUDES DIAG.

Pancreas

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2,3-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
Seminal Vesicle		Atrophy	Mild
Testes	Interstit Cell	Adenoma	
		Hypospermia	Moderate
Note: HYOSPERMIA TGLs = 1-8			
Thymus		Congestion	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 249

TRT#: 5

SEX: Male

DAY ON TEST: 681

DOSE: 0.015

DISP: Moribund

HISTO: 251827

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
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Heart	Endocardium	Schwannoma Nos	
Kidney		Nephropathy	Mild
Liver		Eosinophilic Focus	Moderate
		Infarct	Marked
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-3.1		
Note: INFARCT	TGLs = 6-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-9		
Note: LEUKEMIA MONUC	TGLs = 11-15		
Pancreas	Acinus	Atrophy	Mild
Skin		Basal Cell Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 249	TRT#: 5 DOSE: 0.015	SEX: Male DISP: Moribund	DAY ON TEST: 681 HISTO: 251827
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: BASAL CEL ADEN	TGLs = 9,10-13+14		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Stomach	Glandular	Erosion	Moderate
Testes	Interstit Cell	Adenoma	
		Hyospermia	Marked
Note: HYOSPERMIA	TGLs = 1-8.1		
Note: ADENOMA	TGLs = 2-8		

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 250

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251828

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Kidney		Cyst	
		Nephropathy	Mild
		Pigmentation	Mild
Note: PIGMENT TGLs = 3-5			
Note: CYST TGLs = 4-5			
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
Note: DEGEN TGLs = 9-3.1			
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Prostate		Atrophy	Moderate
		Hyperplasia	Focal, Mild
Note: ATROPHY TGLs = 6-8.2			
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 5-8.3			
Skin	Subcut Tiss	Fibroma	
Note: [FIBROMA] TGLs = 1-13			
Spleen	Red Pulp	Atrophy	Moderate
Note: ATROPHY TGLs = 7,8-3			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 250	TRT#: 5	SEX: Male	DAY ON TEST: 732
	DOSE: 0.015	DISP: Terminal Sacrifice	HISTO: 251828

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 2-8+8.1		
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 251

TRT#: 5

SEX: Male

DAY ON TEST: 599

DOSE: 0.015

DISP: Dead

HISTO: 251829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Brain

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: DEGEN TGLs = 4-3.1 [Hyperplasia TGLS = 4-3.1]			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-9			
Note: LEUKEMIA MONUC TGLs = 5-9+13			
Note: LEUKEMIA MONUC TGLs = 7-14			
Nose		Fungus	Moderate
		Hyperplasia	Multifocal, Moderate
		Inflammation	Suppurative, Moderate
		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 251

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Dead

DAY ON TEST: 599
HISTO: 251829

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland Note: CARCINOMA TGLs = 2-8.2		Carcinoma	
Seminal Vesicle Note: ATROPHY TGLs = 8-8.3		Atrophy	Moderate
Spleen Note: LEUKEMIA MONUC TGLs = 6-3		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 3-8+8.1	Bilateral, Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 252

TRT#: 5

DOSE: 0.015

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: 251830

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 - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 7-2]			
Heart	Atrium	Cardiomyopathy	Mild
Note: THROMBUS	TGLs = 2-3	Thrombosis	Marked
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 8-5		
Liver	Bile Duct	Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Mild
		Mixed Cell Focus	Moderate
Note: MIXED CL FOCUS	TGLs = 9-3.1		
Note: DEGEN	TGLs = 9-3.1		
Lung	Interstitial	Inflammation	Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Pharynx		Squamous Cell Papilloma	
Note: SQ CL PAPILOM	TGLs = 10-14		
Preputial Gland		Inflammation	Chronic Active, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 6-8.3		
Skin		Basal Cell Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 252	TRT#: 5	SEX: Male	DAY ON TEST: 732
	DOSE: 0.015	DISP: Terminal Sacrifice	HISTO: 251830

ORGAN AND ACCOUNTABLE SITE STATUS

Note: BASAL CEL ADEN TGLs = 1-13 Testes	Interstit Cell	Adenoma Hyospermia Mineralization	Marked Mild
Note: HYOSPERMIA TGLs = 5-8 Note: ADENOMA TGLs = 4-8.1 Thyroid Gland	Follicular Cel	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 253

TRT#: 5

SEX: Male

DAY ON TEST: 403

DOSE: 0.015

DISP: Moribund

HISTO: 251831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Seminal Vesicle
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Nose
Preputial Gland
Skin
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Prostate
Stomach - Forestomach
Urinary Bladder

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Thymus

OBSERVATIONS

Heart
Kidney
 Note: NEPHROPATHY TGLs = 1-5
Liver

Spleen
 [Hematopoietic Cell Proliferation TGLS = 2-3]
Stomach
Testes
Zymbal's Gland
 Note: CARCINOMA TGLs = 4-10

Glandular

Cardiomyopathy
Nephropathy

Basophilic Focus
Hematopoietic Cell Proliferation
Hematopoietic Cell Proliferation

Inflammation
Giant Cell
Carcinoma

Mild
Mild

Mild
Minimal
Marked

Suppurative, Focal, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 254

TRT#: 5

SEX: Male

DAY ON TEST: 657

DOSE: 0.015

DISP: Dead

HISTO: 251832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Nose	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Thymus
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OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
		Mixed Cell Focus	Mild
Note: LEUKEMIA MONUC	TGLs = 4,5-3.1		
Note: MIXED CL FOCUS	TGLs = 6-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-13		
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Prostate		Hyperplasia	Multifocal, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 7-8+8.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 254

TRT#: 5

SEX: Male

DAY ON TEST: 657

DOSE: 0.015

DISP: Dead

HISTO: 251832

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: C.I. Acid red 114
 CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
 Time Report Requested: 23:24:43
 First Dose M/F: NA / NA
 Lab: HLA

ANIMAL ID: 255

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251833

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	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 5-5			
Liver		Basophilic Focus	Moderate
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Coagulative, Moderate
Note: DEGEN TGLs = 7,8-3.1			
Note: LEUKEMIA MONUC TGLs = 6-3.1			
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Hyperplasia	Focal, Minimal
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 11-8.2			
Skin		Basal Cell Adenoma	Multiple
Note: BASAL CEL ADEN TGLs = 1,2-13+14			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 9-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-8+8.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 255

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 251833

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 10-10		

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 256

TRT#: 5

SEX: Male

DAY ON TEST: 641

DOSE: 0.015

DISP: Moribund

HISTO: 251834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Liver		Infarct	Marked
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-3.1			
Note: INFARCT TGLs = 4,9-6.1			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-9+13			
Nose		Fungus	Moderate
		Inflammation	Suppurative, Mild
Pancreas			
Note: GROSS LESION IN PANCREAS IS INFARCTED LIVER LOBE.			
Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
		Leukemia Mononuclear	
Note: ANGIECTASIS TGLs = 8-2			
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 3-8.3			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 256

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Moribund

DAY ON TEST: 641
HISTO: 251834

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 5-3

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 1,2-8+8.1

Thymus

Epithel Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 257

TRT#: 5

SEX: Male

DAY ON TEST: 677

DOSE: 0.015

DISP: Dead

HISTO: 251835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 1-2	Medulla	Pheochromocytoma Benign	
Brain [Compression TGLS = 5-1]	Brain Stem	Compression	Moderate
Intestine Large	Colon	Parasite Metazoan	Moderate
Kidney Note: NEPHROPATHY TGLs = 4-5		Nephropathy	Moderate
Liver Note: LEUKEMIA MONUC TGLs = 7-3.1 Note: DEGEN TGLs = 8-3.1		Basophilic Focus Degeneration Eosinophilic Focus Leukemia Mononuclear	Marked Cystic, Mild Mild
Lung Lymph Node	Mandibular Mesenteric	Infiltration Cellular Leukemia Mononuclear Leukemia Mononuclear	Histiocyte, Minimal
Pancreas Pituitary Gland Note: ADENOMA TGLs = 6-2	Acinus Pars Distalis	Atrophy Adenoma	Minimal
Seminal Vesicle Note: ATROPHY TGLs = 2-8.3		Atrophy	Moderate
Skin Note: BASAL CEL ADEN TGLs = 10-13		Basal Cell Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 257

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Dead

DAY ON TEST: 677
HISTO: 251835

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 3-8+8.1	

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 258

TRT#: 5

SEX: Male

DAY ON TEST: 693

DOSE: 0.015

DISP: Moribund

HISTO: 251836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Atrium	Thrombosis	Mild
Note: THROMBUS TGLs = 9-3			
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Moderate
Liver		Angiectasis	Mild
		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
Note: DEGEN TGLs = 8-3.1			
Lymph Node	Mandibular	Hemorrhage	Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 6-8.3			
Skin		Basal Cell Adenoma	Multiple
	Subcut Tiss	Edema	Marked
	Subcut Tiss	Inflammation	Acute, Mild
Note: EDEMA TGLs = 3-10			
Note: BASAL CEL ADEN TGLs = 1,2-13+14			
Note: INFLAMMATION TGLs = 3-10			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 258

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Moribund

DAY ON TEST: 693
HISTO: 251836

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 4,5-8+8.1

Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 259

TRT#: 5

SEX: Male

DAY ON TEST: 669

DOSE: 0.015

DISP: Dead

HISTO: 251837

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 - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Mild
		Fatty Change	Focal, Mild
Lymph Node	Mandibular, Sinus	Ectasia	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Preputial Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-8.2		
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 5-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 2-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 260

TRT#: 5

SEX: Male

DAY ON TEST: 641

DOSE: 0.015

DISP: Moribund

HISTO: 251838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus	Mild
		Eosinophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Mild
Note: MIXED CL FOCUS TGLs = 2-3.1			
Prostate		Hyperplasia	Multifocal, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 3-8.3			
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 5-14			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-8+8.1			
Zymbal's Gland		Adenoma	
		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 261

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 6,7-2]			
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	Mild
Note: DEGEN	TGLs = 9-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL	TGLs = 10-4+4.1		
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Prostate		Atrophy	Moderate
		Hyperplasia	Multifocal, Moderate
Note: ATROPHY	TGLs = 5-8.2		
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 4-8.3		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-3		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 261

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251839

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 1,2,3-8+8.1

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 262

TRT#: 5

SEX: Male

DAY ON TEST: 687

DOSE: 0.015

DISP: Moribund

HISTO: 251840

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 - Mesenteric	Mammary Gland	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 8-2]			
Bone Marrow		Myelofibrosis	Moderate
Heart	Atrium	Thrombosis	Mild
Note: THROMBUS	TGLs = 13-3		
Kidney		Nephropathy	Mild
Liver		Fatty Change	Multifocal, Mild
		Hepatocellular Carcinoma	
		Leukemia Mononuclear	
		Regeneration	Mild
Note: FATTY CHANGE	TGLs = 10-3.1		
Note: HEPATOCLR CARC	TGLs = 9-3.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 12-9		
Nose		Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Seminal Vesicle		Atrophy	Mild
Skin		Basal Cell Adenoma	Multiple
Note: BASAL CEL ADEN	TGLs = 1,3,4-13+14+15		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-3		
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 262

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Moribund

DAY ON TEST: 687
HISTO: 251840

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 5,6-8+8.1

Thymus	Epithel Cell	Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 263

TRT#: 5

SEX: Male

DAY ON TEST: 614

DOSE: 0.015

DISP: Moribund

HISTO: 251841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7,8-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Note: INFILTRAT CELL	TGLs = 6-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-7		
Note: LEUKEMIA MONUC	TGLs = 4-9		
Note: LEUKEMIA MONUC	TGLs = 5-14		
Note: LEUKEMIA MONUC	TGLs = 3-13		
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland	Duct	Ectasia	Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-3		
Stomach	Forestomach	Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 263

TRT#: 5

SEX: Male

DAY ON TEST: 614

DOSE: 0.015

DISP: Moribund

HISTO: 251841

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Interstit Cell

Adenoma

Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 264

TRT#: 5

SEX: Male

DAY ON TEST: 638

DOSE: 0.015

DISP: Dead

HISTO: 251842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 8-1]		
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
		Mixed Cell Focus	Mild
Note: LEUKEMIA MONUC	TGLs = 6-3		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-7		
Note: LEUKEMIA MONUC	TGLs = 5-9		
Seminal Vesicle		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-3		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 264

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Dead

DAY ON TEST: 638
HISTO: 251842

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Inflammation	Chronic Active, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
		Granuloma Sperm	Mild

Note: ADENOMA TGLs = 1-8+8.1

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 265

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Moderate
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Mild
Note: [DEGEN] TGLs = 4,5-3.1			
Lung	Interstitial	Inflammation	Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
Nose		Fungus	Moderate
		Hyperplasia	Focal, Moderate
		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Seminal Vesicle		Atrophy	Mild
Note: ATROPHY TGLs = 3-8.3			
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN TGLs = 1-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-8+8.1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 266

TRT#: 5

SEX: Male

DAY ON TEST: 663

DOSE: 0.015

DISP: Moribund

HISTO: 251844

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	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Salivary Glands	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
Note: [BASOPH FOCUS] TGLs = 4-3.1			
Note: DEGEN TGLs = 5-3.1			
Nose		Fungus	Mild
		Inflammation	Suppurative, Moderate
		Atrophy	Moderate
Seminal Vesicle			
Note: ATROPHY TGLs = 3-8.3			
Skin	Subcut Tiss	Schwannoma Malignant	
Note: [SCHWANNOMA MAL] TGLs = 1-9			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-8+8.1			
Tissue NOS		Schwannoma Malignant	Metastatic (Skin)
Note: TISSUE NOS = EAR.			
Note: [SCHWANNOMA MAL] TGLs = 6-13			
Zymbal's Gland		Schwannoma Malignant	Metastatic (Skin)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 266

TRT#: 5

SEX: Male

DAY ON TEST: 663

DOSE: 0.015

DISP: Moribund

HISTO: 251844

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 267

TRT#: 5

SEX: Male

DAY ON TEST: 530

DOSE: 0.015

DISP: Moribund

HISTO: 251845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Mixed Cell Focus	Minimal
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Preputial Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-8.2		
Prostate		Infiltration Cellular	Lymphocyte, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-8+8.1		
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 268

TRT#: 5

SEX: Male

DAY ON TEST: 593

DOSE: 0.015

DISP: Dead

HISTO: 251846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Hemorrhage	Marked
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLs = 9-1+1.1]			
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
		Leukemia Mononuclear	
Liver			
Note: LEUKEMIA MONUC	TGLs = 4,5-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-14		
Note: LEUKEMIA MONUC	TGLs = 7-13		
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 11-8.3		
Skin	Sebaceous GI	Adenoma	Multiple
Note: ADENOMA	TGLs = 10-15		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 268	TRT#: 5 DOSE: 0.015	SEX: Male DISP: Dead	DAY ON TEST: 593 HISTO: 251846
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: LEUKEMIA MONUC TGLs = 3-3		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 1,2-8+8.1	Bilateral, Interstit Cell	Adenoma	
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 269

TRT#: 5

SEX: Male

DAY ON TEST: 694

DOSE: 0.015

DISP: Moribund

HISTO: 251847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Brain	Brain Stem	Compression	Moderate
Epididymis		Mesothelioma Malignant	Metastatic (Testes)
Intestine Large	Colon	Parasite Metazoan	Moderate
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 6-5		
Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Coagulative, Focal, Mild
Lung	Alveolar Epith	Hyperplasia	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 7-2		
Prostate		Inflammation	Chronic Active, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 3-8.3		
Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
Note: MESOTHELIO MAL	TGLs = 4-8+8.1		
Note: ADENOMA	TGLs = 1,2-8+8.1		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 269

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Moribund

DAY ON TEST: 694
HISTO: 251847

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 270

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251848

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	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-2]			
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-5		
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	Mild
Note: MIXED CL FOCUS	TGLs = 8-3.1		
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-2]			
Prostate		Hyperplasia	Focal, Mild
		Inflammation	Chronic Active, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 3-8.3		
Skin		Basal Cell Adenoma	Multiple
		Basal Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 270

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251848

ORGAN AND ACCOUNTABLE SITE STATUS

Keratoacanthoma
Squamous Cell Carcinoma

Note: [KERATOACANTHMA] TGLs = 1-13
Note: SQUAM CEL CARC TGLs = 10-15
Note: BASAL CEL ADEN TGLs = 9,11,12-14+16+17
Note: BASAL CEL CARC TGLs = 13-18

Spleen

Ectopic Tissue
Leukemia Mononuclear

Note: ECT TISSUE TGLs = 6-6

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 2-8+8.1

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 271

TRT#: 5

SEX: Male

DAY ON TEST: 705

DOSE: 0.015

DISP: Dead

HISTO: 251849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Islets, Pancreatic
Nose
Prostate
Stomach - Forestomach
Zymbal's Gland

Bone Marrow
Lung
Parathyroid Gland
Salivary Glands
Stomach - Glandular

Brain
Lymph Node - Mandibular
Pituitary Gland
Seminal Vesicle
Thyroid Gland

Esophagus
Mammary Gland
Preputial Gland
Skin
Trachea

MISSING

Epididymis
Intestine Small - Jejunum
Urinary Bladder

Intestine Large - Cecum
Lymph Node - Mesenteric

Intestine Small - Duodenum
Testes

Intestine Small - Ileum
Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Colon

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland
Heart
 Note: DILATATION TGLs = 2-3
Kidney
Liver
Pancreas
Spleen
 Note: HEMA CELL PROL TGLs = 1-3

Medulla
Atrium

Acinus

Hyperplasia
Dilatation

Nephropathy
Hematopoietic Cell Proliferation
Atrophy
Hematopoietic Cell Proliferation

Multifocal, Mild
Marked

Mild
Minimal
Marked
Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 272

TRT#: 5

SEX: Male

DAY ON TEST: 694

DOSE: 0.015

DISP: Moribund

HISTO: 251850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Parathyroid Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Moderate
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver		Degeneration	Cystic, Moderate
		Eosinophilic Focus	Moderate
		Leukemia Mononuclear	
Note: DEGEN	TGLs = 5-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Nose		Fungus	Moderate
		Inflammation	Suppurative, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 8-2]			
[Leukemia Mononuclear TGLS = 8-2]			
Preputial Gland		Adenoma	
Note: ADENOMA	TGLs = 2-8.2		
Seminal Vesicle		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 272	TRT#: 5 DOSE: 0.015	SEX: Male DISP: Moribund	DAY ON TEST: 694 HISTO: 251850
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY TGLs = 4-8.3			
Skin		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 1-13			
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-3			
[Leukemia Mononuclear TGLS = 7-3]			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-8+8.1			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 273

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251851

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	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-5			
Liver		Basophilic Focus	Minimal
		Eosinophilic Focus	Moderate
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Mild
Note: EOSIN FOCUS TGLs = 5-3.1			
Note: ANOM HEPAT LOB TGLs = 4-3.1			
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 8-8.3			
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN TGLs = 6-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-8+8.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 273

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251851

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: GRADE I LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 274

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Esophagus

OBSERVATIONS

Epididymis		Inflammation	Chronic Active, Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5,6-5		
Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Mild
Note: MIXED CL FOCUS	TGLs = 7-3.1		
Lung	Alveolar Epith	Hyperplasia	Multifocal, Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Suppurative, Mild
Prostate		Atrophy	Moderate
		Hyperplasia	Focal, Mild
Note: ATROPHY	TGLs = 4-8.2		
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 3-8.3		
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 274

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251852

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 1,2-8+8.1

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 275

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Preputial Gland	Thymus
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Moderate
Note: [HEPATOCLR CARC] TGLs = 5-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-2]			
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 7-8.3			
Skin		Basal Cell Adenoma	
	Subcut Tiss	Fibroma	
Note: BASAL CEL ADEN TGLs = 1-13			
Note: FIBROMA TGLs = 2-14			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-8+8.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 275

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251853

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: C.I. Acid red 114
 CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
 Time Report Requested: 23:24:43
 First Dose M/F: NA / NA
 Lab: HLA

ANIMAL ID: 276

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251854

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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Prostate	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
		Hematocyst	
	Bile Duct	Hyperplasia	Mild
Note: [BASOPH FOCUS] TGLs = 6-3.1			
Note: HEMATOCYST TGLs = 7,8-3.1			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Focal, Minimal
Note: [ALV BRON CARC] TGLs = 5-4.2			
Lymph Node	Mediastinal, Sinus	Ectasia	Moderate
Mammary Gland		Fibroadenoma	
Pancreas	Acinus	Atrophy	Minimal
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 3-8.3			
Spleen		Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 276

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 251854

ORGAN AND ACCOUNTABLE SITE STATUS

Testes
Note: ADENOMA TGLs = 1,2-8+8.1
Thyroid Gland

Bilateral, Interstit Cell

Adenoma

Ultimobranchial Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 277

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Moderate
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Heart	Atrium	Thrombosis	Marked
Note: THROMBUS TGLs = 4-3			
Kidney		Nephropathy	Moderate
Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Mild
	Bile Duct	Hepatocellular Carcinoma	
		Hyperplasia	Mild
	Serosa	Inflammation	Granulomatous, Multifocal, Minimal
Note: [HEPATOCLR CARC] TGLs = 7-3.1			
Note: DEGEN TGLs = 5,6-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Seminal Vesicle		Atrophy	Mild
Note: ATROPHY TGLs = 3-8.3			
Skin		Basal Cell Adenoma	Multiple
	Sebaceous GI	Hyperplasia	Focal, Mild
Note: BASAL CEL ADEN TGLs = 1,8,9-13+14+15			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-8+8.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 277

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 251855

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Epithel Cell	Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 278

TRT#: 5

DOSE: 0.015

SEX: Male

DISP: Dead

DAY ON TEST: 654

HISTO: 251856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Marked
Note: THROMBUS	TGLs = 8-3		
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4,5-3.1		
Note: ANOM HEPAT LOB	TGLs = 6-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-9		
Preputial Gland		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,9-8+8.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 278

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Dead

DAY ON TEST: 654
HISTO: 251856

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 279

TRT#: 5

SEX: Male

DAY ON TEST: 455

DOSE: 0.015

DISP: Moribund

HISTO: 251857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5,6-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-6		
Note: LEUKEMIA MONUC	TGLs = 2-7		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Urinary Bladder		Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 1-8.2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 279

TRT#: 5

SEX: Male

DAY ON TEST: 455

DOSE: 0.015

DISP: Moribund

HISTO: 251857

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 280

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla Medulla Cortex	Hyperplasia Pheochromocytoma Benign Vacuolization Cytoplasmic	Focal, Mild Focal, Mild
Heart	Atrium	Cardiomyopathy Thrombosis	Mild Mild
Kidney Note: NEPHROPATHY TGLs = 6-5		Nephropathy	Moderate
Liver		Basophilic Focus Degeneration Eosinophilic Focus	Mild Cystic, Moderate Mild
	Bile Duct	Hyperplasia Leukemia Mononuclear Neoplastic Nodule	Mild
Note: LEUKEMIA MONUC TGLs = 8-3.1+3.2 Note: NEOPLASTIC NOD TGLs = 9-3.2 Note: DEGEN TGLs = 7-3.1			
Lung	Interstitialium	Infiltration Cellular Inflammation	Histiocyte, Minimal Mild
Mammary Gland Note: FIBROADENOMA TGLs = 2-14		Fibroadenoma	
Pancreas	Acinus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 280	TRT#: 5 DOSE: 0.015	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 251858
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ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle Note: ATROPHY TGLs = 5-8.3		Atrophy	Moderate
Skin Note: [KERATOACANTHMA] TGLs = 12-15 Note: BASAL CEL ADEN TGLs = 1-13		Basal Cell Adenoma Keratoacanthoma	
Spleen		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 3,4-8+8.1	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 281

TRT#: 5

SEX: Male

DAY ON TEST: 666

DOSE: 0.015

DISP: Moribund

HISTO: 251859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Stomach - Forestomach	Thymus	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Heart	Atrium	Thrombosis	Marked
Note: THROMBUS TGLs = 6-3			
Kidney		Nephropathy	Mild
Liver	Centrilobular	Leukemia Mononuclear	
		Necrosis	Coagulative, Moderate
Note: NEOPLASTIC NOD TGLs = 3-3.1		Neoplastic Nodule	Multiple
Note: NECROSIS TGLs = 4-3.1			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-3.1			
Pituitary Gland		Cyst	
Seminal Vesicle		Atrophy	Mild
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN TGLs = 7-13			
Spleen	Red Pulp	Atrophy	Marked
		Leukemia Mononuclear	
Stomach	Glandular	Ulcer	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 281

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Moribund

DAY ON TEST: 666
HISTO: 251859

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-8+8.1

Thyroid Gland

C Cell

Hyperplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 282

TRT#: 5

SEX: Male

DAY ON TEST: 641

DOSE: 0.015

DISP: Moribund

HISTO: 251860

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 - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-5		
Liver		Leukemia Mononuclear	
		Mixed Cell Focus	Mild
		Neoplastic Nodule	
Note: NEOPLASTIC NOD	TGLs = 6-3.1		
Note: MIXED CL FOCUS	TGLs = 7-3.1		
Lymph Node	Mandibular, Sinus	Ectasia	Moderate
Nose		Fungus	Moderate
		Inflammation	Suppurative, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 4-8.3		
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN	TGLs = 1-13		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-3		
Note: LEUKEMIA MONUC	TGLs = 8-3		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 282

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Moribund

DAY ON TEST: 641
HISTO: 251860

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 2,3-8+8.1		

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 283

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251861

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 - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Mild
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Moderate
Note: MIXED CL FOCUS TGLs = 3,4-3.1+3.2			
Note: HEPATOCLR CARC TGLs = 5-3.2			
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Seminal Vesicle		Atrophy	Mild
Note: ATROPHY TGLs = 1-8.3			
Skin	Sebaceous GI	Adenoma	
		Basal Cell Adenoma	Multiple
		Keratoacanthoma	
Note: ADENOMA TGLs = 8-15			
Note: BASAL CEL ADEN TGLs = 6-13			
Note: KERATOACANTHMA TGLs = 7-14			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 283

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 251861

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-8+8.1
Tissue NOS
Note: TISSUE NOS = LARGE ARTERY.

Inflammation

Chronic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 284

TRT#: 5

SEX: Male

DAY ON TEST: 693

DOSE: 0.015

DISP: Moribund

HISTO: 251862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Bone Marrow

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Hyperplasia	Multifocal, Mild
Epididymis		Mesothelioma Malignant	Metastatic (Testes)
Heart	Atrium	Thrombosis	Marked
Note: THROMBUS TGLs = 4-3			
Kidney		Infarct	Moderate
		Nephropathy	Moderate
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Coagulative, Mild
Note: LEUKEMIA MONUC TGLs = 6-3.1 [Hyperplasia TGLS = 5-3.1]		Neoplastic Nodule	
Lung	Alveolar Epith	Hyperplasia	Focal, Moderate
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 3-8.3			
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-13			
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 284

TRT#: 5

SEX: Male

DAY ON TEST: 693

DOSE: 0.015

DISP: Moribund

HISTO: 251862

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-8+8.1

Thymus

Epithel Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE I LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 285

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251863

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 - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Spleen	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Mild
	Medulla	Pheochromocytoma Benign	
Heart	Atrium	Cardiomyopathy	Minimal
Note: THROMBUS	TGLs = 15-3	Thrombosis	Marked
Kidney		Nephropathy	Mild
Liver		Degeneration	Cystic, Mild
	Centrilobular	Infarct	Marked
	Portal Vein	Necrosis	Coagulative, Marked
		Neoplastic Nodule	Multiple
Note: INFARCT	TGLs = 12-3.1	Thrombosis	Marked
Note: NEOPLASTIC NOD	TGLs = 9,10-3.2+3.3		
Note: THROMBUS	TGLs = 19-17		
Note: NECROSIS	TGLs = 8,11,13-3.1+3.2+3.3		
Lymph Node	Mandibular	Hemorrhage	Mild
	Mediastinal	Hemorrhage	Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 17-8.3		
Skin		Basal Cell Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 285	TRT#: 5 DOSE: 0.015	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 251863
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: BASAL CEL ADEN TGLs = 1,3,4-13+15+16 Note: HYPERKERATOSIS TGLs = 2-14		Hyperkeratosis	Focal, Mild
Stomach	Forestomach Glandular	Ulcer Ulcer	Moderate Moderate
Note: ULCER TGLs = 18-6			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6,7-8+8.1			
Thymus	Epithel Cell	Hyperplasia Carcinoma	Mild
Zymbal's Gland			
Note: CARCINOMA TGLs = 5-10.1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 286

TRT#: 5

SEX: Male

DAY ON TEST: 694

DOSE: 0.015

DISP: Moribund

HISTO: 251864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Heart	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Kidney	Atrium	Thrombosis	Moderate
		Nephropathy	Moderate
		Pigmentation	Marked
Note: PIGMENT	TGLs = 3-5		
Liver		Fatty Change	Multifocal, Mild
		Leukemia Mononuclear	
Note: FATTY CHANGE	TGLs = 5-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-4+4.1		
Lymph Node	Mandibular, Sinus	Ectasia	Moderate
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 2-8.3		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6,7-3		
Testes	Interstitial Cell	Adenoma	
		Hypospermia	Mild
Note: ADENOMA	TGLs = 1-8		
Note: HYOSPERMIA	TGLs = 1-8+8.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 286

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Moribund

DAY ON TEST: 694
HISTO: 251864

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 287

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Preputial Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Focal, Mild
Brain	Brain Stem	Compression	Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-5		
Liver		Degeneration	Cystic, Mild
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-3.1	Mixed Cell Focus	Minimal
Note: DEGEN	TGLs = 8-3.1		
Note: HEPATOCLR CARC	TGLs = 9-3.1		
Mammary Gland		Fibroadenoma	
		Hyperplasia	Nodular, Mild
Note: FIBROADENOMA	TGLs = 7-14		
Nose		Fungus	Mild
		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-2]			
Prostate		Hyperplasia	Focal, Mild
Seminal Vesicle		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 287	TRT#: 5 DOSE: 0.015	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 251865
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY TGLs = 2-8.3 Skin		Basal Cell Adenoma Squamous Cell Carcinoma	
Note: BASAL CEL ADEN TGLs = 1-13 Note: SQUAM CEL CARC TGLs = 10-15 Spleen		Leukemia Mononuclear Adenoma	
Testes	Bilateral, Interstit Cell		
Note: ADENOMA TGLs = 3,4-8+8.1 Thymus	Epithel Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: GRADE II LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 288

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Atrophy	Marked
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 5-2			
Note: ATROPHY TGLs = 4-2			
Heart	Atrium	Thrombosis	Moderate
Note: THROMBUS TGLs = 7-3			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 6-5			
Liver		Basophilic Focus	Moderate
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Marked
		Hematopoietic Cell Proliferation	Minimal
Note: DEGEN TGLs = 8,9-3.1			
Note: [EOSIN FOCUS] TGLs = 9-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Pituitary Gland		Angiectasis	Mild
Note: ANGIECTASIS TGLs = 11-2			
Prostate		Hyperplasia	Focal, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 3-8.3			
Skin		Basal Cell Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 288

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 251866

ORGAN AND ACCOUNTABLE SITE STATUS

Note: BASAL CEL ADEN TGLs = 1-13

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 2-8+8.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 289

TRT#: 5

SEX: Male

DAY ON TEST: 654

DOSE: 0.015

DISP: Dead

HISTO: 251867

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 - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Mild
Note: THROMBUS TGLs = 7-3			
Kidney		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
	Centrilobular	Necrosis	Coagulative, Marked
Note: NECROSIS TGLs = 6-3.1			
Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Seminal Vesicle		Atrophy	Moderate
Skin		Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 1-13			
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-8+8.1			

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 290

TRT#: 5

SEX: Male

DAY ON TEST: 691

DOSE: 0.015

DISP: Dead

HISTO: 251868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Brain		Hemorrhage	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
		Regeneration	Moderate
Note: LEUKEMIA MONUC TGLs = 6-3.1 [Leukemia Mononuclear TGLS = 7-3.1]			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-3.1 [Leukemia Mononuclear TGLS = 8-3.1]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 9-9			
Nose		Fungus	Moderate
		Inflammation	Suppurative, Mild
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 11-2			
Skin		Basal Cell Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 290

TRT#: 5

SEX: Male

DAY ON TEST: 691

DOSE: 0.015

DISP: Dead

HISTO: 251868

ORGAN AND ACCOUNTABLE SITE STATUS

Note: BASAL CEL ADEN	TGLs = 1,2,3-13+14+15		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-3		
Testes		Adenoma	
		Hyperplasia	Mild
Note: ADENOMA	TGLs = 4-8		
Thymus		Leukemia Mononuclear	
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 10-10		

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 291

TRT#: 5

SEX: Male

DAY ON TEST: 672

DOSE: 0.015

DISP: Dead

HISTO: 251869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Zymbal's Gland	

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla
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OBSERVATIONS

Heart Note: THROMBUS TGLs = 5,6-3	Atrium	Thrombosis	Marked
Kidney		Nephropathy	Mild
Liver		Degeneration	Cystic, Mild
	Centrilobular	Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Necrosis	Coagulative, Mild
Note: FATTY CHANGE TGLs = 4-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Pancreas	Acinus	Atrophy	Minimal
Seminal Vesicle		Atrophy	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-8+8.1			
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
Urinary Bladder		Ectasia	Marked
Note: ECTASIA TGLs = 3-8.2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 292

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251870

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	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM MAL] TGLs = 4-2	Medulla	Pheochromocytoma Malignant	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Mild
Lung	Alveolar Epith	Hyperplasia	Multifocal, Mild
		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland [Adenoma TGLS = 5-2]	Pars Distalis	Adenoma	
Prostate		Hyperplasia	Focal, Minimal
Seminal Vesicle Note: ATROPHY TGLs = 3-8.3		Atrophy	Moderate
Testes Note: ADENOMA TGLs = 1,2-8+8.1	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 293

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Eye	Retina	Cataract	Moderate
		Degeneration	Moderate
Note: CATARACT	TGLs = 12-15		
Heart	Atrium	Cardiomyopathy	Mild
		Thrombosis	
Note: THROMBUS	TGLs = 13-3		
Intestine Large	Colon	Parasite Metazoan	Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 6-5		
Liver	Centrilobular	Basophilic Focus	Moderate
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Moderate
		Fatty Change	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Neoplastic Nodule	
Note: ANOM HEPAT LOB	TGLs = 9-3.2		
Note: FATTY CHANGE	TGLs = 10-3.1+3.2		
Note: NEOPLASTIC NOD	TGLs = 8-3.2		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 293	TRT#: 5	SEX: Male	DAY ON TEST: 733
	DOSE: 0.015	DISP: Terminal Sacrifice	HISTO: 251871

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 7-3.1+3.2			
Preputial Gland		Inflammation	Chronic Active, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 14-8.3			
Skin		Basal Cell Adenoma	
		Basal Cell Carcinoma	
		Squamous Cell Carcinoma	Multiple
Note: BASAL CEL CARC TGLs = 1-13			
Note: SQUAM CEL CARC TGLs = 2-14			
Note: BASAL CEL ADEN TGLs = 2-14			
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4,5-8+8.1			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 294

TRT#: 5

SEX: Male

DAY ON TEST: 641

DOSE: 0.015

DISP: Moribund

HISTO: 251872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Mixed Cell Focus	Mild
[Degeneration TGLS = 6-3.1]			
[Hepatodiaphragmatic Nodule TGLS = 5-3.1]			
[Leukemia Mononuclear TGLS = 6-3.1]			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
[Hyperplasia TGLS = 7-4+4.1]			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 4-8.3		
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 294	TRT#: 5	SEX: Male	DAY ON TEST: 641
	DOSE: 0.015	DISP: Moribund	HISTO: 251872

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 1,2-8+8.1		
Zymbal's Gland		Carcinoma
Note: CARCINOMA TGLs = 8-10.1		

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 295

TRT#: 5

SEX: Male

DAY ON TEST: 711

DOSE: 0.015

DISP: Moribund

HISTO: 251873

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 - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
		Mixed Cell Focus	Moderate
		Regeneration	Moderate
Note: LEUKEMIA MONUC TGLs = 7-3.1 [Leukemia Mononuclear TGLs = 8,9-3.1]			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-4+4.1			
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 3-8.3			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4,5-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-8+8.1			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 296

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251874

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	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 14-2]			
Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Moderate
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Moderate
		Clear Cell Focus	Moderate
		Degeneration	Cystic, Moderate
		Hepatocellular Carcinoma	Multiple
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Mixed Cell Focus	Mild
		Neoplastic Nodule	
Note: DEGEN TGLs = 5,9-3.1+3.2+3.3+3.4			
Note: NEOPLASTIC NOD TGLs = 8-3.2			
Note: MIXED CL FOCUS TGLs = 6-3.1+3.2+3.3+3.4			
[Basophilic Focus TGLS = 7-3.4]			
[Degeneration TGLS = 4-3.1]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS TGLs = 3-13			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 296

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 251874

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Hyperplasia Inflammation Atrophy	Glandular, Focal, Mild Suppurative, Moderate Moderate
Seminal Vesicle Note: ATROPHY	TGLs = 1-8.3		
Skin	Sebaceous Gl	Adenoma Basal Cell Carcinoma Squamous Cell Carcinoma	Multiple
Note: [ADENOMA]	TGLs = 10,11,12,13-14+15+16+17		
Testes Note: ADENOMA	TGLs = 2-8+8.1	Bilateral, Interstit Cell Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 297

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251875

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
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Preputial Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Heart		Schwannoma Nos	
Kidney		Nephropathy	Moderate
Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	Marked
		Leukemia Mononuclear	
Note: [EOSIN FOCUS] TGLs = 4,5-3.1			
Note: DEGEN TGLs = 4,5-3.1			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Prostate		Hyperplasia	Focal, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 7-8.3			
Skin		Basal Cell Adenoma	
		Squamous Cell Papilloma	
Note: SQ CL PAPILOM TGLs = 1-14			
Note: BASAL CEL ADEN TGLs = 2-13			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 297	TRT#: 5	SEX: Male	DAY ON TEST: 733
	DOSE: 0.015	DISP: Terminal Sacrifice	HISTO: 251875

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 6-3		
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 3,8-8+8.1		
Thyroid Gland	C Cell	Adenoma

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 298

TRT#: 5

SEX: Male

DAY ON TEST: 594

DOSE: 0.015

DISP: Moribund

HISTO: 251876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Glandular
Thymus	Trachea	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Brain		Hemorrhage	Marked
Heart		Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Nephropathy	Mild
	Bile Duct	Basophilic Focus	Minimal
	Bile Duct	Cyst	
Note: CYST	TGLs = 6-3.1	Hyperplasia	Mild
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Seminal Vesicle		Atrophy	Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-3		
Stomach	Forestomach	Erosion	Minimal
	Forestomach	Inflammation	Acute, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-8+8.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 298

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Moribund

DAY ON TEST: 594
HISTO: 251876

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland
Note: CARCINOMA TGLs = 7-2
Urinary Bladder

Follicular Cel

Carcinoma

Hemorrhage
Leukemia Mononuclear

Moderate

Note: HEMORRHAGE TGLs = 4-8.2

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 299

TRT#: 5

SEX: Male

DAY ON TEST: 565

DOSE: 0.015

DISP: Dead

HISTO: 251877

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	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 6-3.1		Hyperplasia	Mild
Lung		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL TGLs = 8-4+4.1	Mediastinal	Hemorrhage	Moderate
Lymph Node		Adenoma	
Preputial Gland			
Note: ADENOMA TGLs = 2-8.2		Inflammation	Chronic Active, Moderate
Prostate		Atrophy	Moderate
Seminal Vesicle			
Note: ATROPHY TGLs = 5-8.3		Squamous Cell Carcinoma	
Skin			
Note: SQUAM CEL CARC TGLs = 1-13	Bilateral, Interstit Cell	Adenoma	
Testes			
Note: ADENOMA TGLs = 3,4-8+8.1	Follicular Cel	Carcinoma	
Thyroid Gland			
[Carcinoma TGLS = 7-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 299

TRT#: 5
DOSE: 0.015

SEX: Male
DISP: Dead

DAY ON TEST: 565
HISTO: 251877

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 300

TRT#: 5

SEX: Male

DAY ON TEST: 691

DOSE: 0.015

DISP: Dead

HISTO: 251878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Malignant	
Note: [PHEOCHROM MAL] TGLs = 8-2			
Brain		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
		Necrosis	Coagulative, Multifocal, Mild
Note: LEUKEMIA MONUC TGLs = 6-3.1			
Lung		Leukemia Mononuclear	
Nose		Inflammation	Suppurative, Mild
Preputial Gland	Duct	Ectasia	Moderate
Note: ECTASIA TGLs = 2-8.2			
Seminal Vesicle		Atrophy	Moderate
Skin		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 1-13			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-3			
Stomach	Glandular	Erosion	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-8+8.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 300

TRT#: 5

SEX: Male

DAY ON TEST: 691

DOSE: 0.015

DISP: Dead

HISTO: 251878

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 301

TRT#: 5

SEX: Male

DAY ON TEST: 673

DOSE: 0.015

DISP: Moribund

HISTO: 251879

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Necrosis	Diffuse, Marked
	Medulla	Necrosis	Diffuse, Marked
	Medulla	Pheochromocytoma Benign	
Note: NECROSIS TGLs = 7-2 [Angiectasis TGLS = 7-2]			
Heart	Atrium	Thrombosis	Moderate
Note: THROMBUS TGLs = 12,13-3			
Intestine Large	Colon	Erosion	Mild
Note: EROSION TGLs = 14-7			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 8-5			
Liver	Bile Duct	Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Infarct	Moderate
	Centrilobular	Necrosis	Coagulative, Moderate
Note: INFARCT TGLs = 10-3.1 Note: NECROSIS TGLs = 9-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL TGLs = 11-4+4.1			
Nose		Inflammation	Suppurative, Moderate
Preputial Gland		Inflammation	Chronic Active, Moderate
Note: INFLAMMATION TGLs = 4-8.2			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 301	TRT#: 5 DOSE: 0.015	SEX: Male DISP: Moribund	DAY ON TEST: 673 HISTO: 251879
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ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle Note: ATROPHY TGLs = 6-8.3		Atrophy	Moderate
Skin Note: BASAL CEL CARC TGLs = 1,2-13+14 Note: SQ CL PAPILLOM TGLs = 15-13		Basal Cell Carcinoma Squamous Cell Papilloma	Multiple
Stomach Testes Note: ADENOMA TGLs = 5-8+8.1	Glandular Bilateral, Interstit Cell	Erosion Adenoma	Marked
Thymus Thyroid Gland	Epithel Cell C Cell	Hyperplasia Hyperplasia	Mild Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 302

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251880

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	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Marked
Note: THROMBUS	TGLs = 7-3		
Kidney		Nephropathy	Moderate
Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular	Necrosis	Coagulative, Mild
		Neoplastic Nodule	
Note: EOSIN FOCUS	TGLs = 8-3.1		
Note: DEGEN	TGLs = 8-3.1		
Note: NEOPLASTIC NOD	TGLs = 9-3.2		
Lung	Interstitium	Inflammation	Moderate
	Capillary	Thrombosis	Mild
Nose		Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-2]			
Seminal Vesicle		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 302	TRT#: 5 DOSE: 0.015	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 251880
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ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Sebaceous Gl	Adenoma	
		Basal Cell Adenoma	Multiple
		Basal Cell Carcinoma	
	Sebaceous Gl	Hyperplasia	Focal, Mild
	Subcut Tiss	Inflammation	Acute, Mild
Note: BASAL CEL ADEN	TGLs = 4,5-14+15		
Note: BASAL CEL CARC	TGLs = 3-13		
Note: INFLAMMATION	TGLs = 1-10		
Testes		Hypospermia	Marked
Note: HYOSPERMIA	TGLs = 2-8+8.1		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 303

TRT#: 5

SEX: Male

DAY ON TEST: 499

DOSE: 0.015

DISP: Dead

HISTO: 251881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Mammary Gland

OBSERVATIONS

Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-6+7		
Pancreas		Leukemia Mononuclear	
Prostate		Hyperplasia	Focal, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Thymus	Epithel Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 303

TRT#: 5

SEX: Male

DAY ON TEST: 499

DOSE: 0.015

DISP: Dead

HISTO: 251881

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 304

TRT#: 5

SEX: Male

DAY ON TEST: 567

DOSE: 0.015

DISP: Moribund

HISTO: 251882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone Marrow

Epididymis

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Lymph Node - Mesenteric

Mammary Gland

Nose

Pancreas

Parathyroid Gland

Preputial Gland

Prostate

Salivary Glands

Seminal Vesicle

Skin

Spleen

Stomach - Glandular

Thyroid Gland

Trachea

Urinary Bladder

Zymbal's Gland

MISSING

Thymus

OBSERVATIONS

Brain

Glioma Malignant

Note: [GLIOMA MAL] TGLs = 1-1

Heart

Cardiomyopathy

Minimal

Kidney

Nephropathy

Mild

Liver

Fatty Change

Focal, Minimal

Note: ANOM HEPAT LOB TGLs = 6-3.1

Hepatodiaphragmatic Nodule

Pituitary Gland

Pars Distalis

Adenoma

Stomach

Forestomach

Inflammation

Acute, Mild

Note: INFLAMMATION TGLs = 3-6

Testes

Interstit Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 305

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Adenoma	
		Nephropathy	Moderate
Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	Mild
		Neoplastic Nodule	
Note: NEOPLASTIC NOD TGLs = 10-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 8-8.3			
Skin		Basal Cell Adenoma	Multiple
		Squamous Cell Carcinoma	Multiple
Note: BASAL CEL ADEN TGLs = 3,4,5-15+16+17			
Note: SQUAM CEL CARC TGLs = 1,2-13+14			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 305	TRT#: 5	SEX: Male	DAY ON TEST: 733
	DOSE: 0.015	DISP: Terminal Sacrifice	HISTO: 251883

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 9-3

Testes	Bilateral, Interstit Cell	Adenoma Mesothelioma Malignant
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Note: ADENOMA TGLs = 6,7-8+8.1

Thyroid Gland	Follicle	Cyst
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PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 395

TRT#: 7

SEX: Male

DAY ON TEST: 298

DOSE: 0.03

DISP: Dead

HISTO: 251973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Seminal Vesicle
Stomach - Glandular
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Skin
Testes
Urinary Bladder

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Spleen
Thymus
Zymbal's Gland

OBSERVATIONS

Heart
Kidney
Liver
 Note: INFARCT TGLs = 1,2-3.1
Lung
Lymph Node
Preputial Gland
Prostate

Alveolar Epith
Mediastinal

Cardiomyopathy
Nephropathy
Infarct

Hyperplasia
Hemorrhage
Inflammation
Inflammation

Mild
Minimal
Marked

Focal, Minimal
Moderate
Chronic Active, Mild
Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 399

TRT#: 7

SEX: Male

DAY ON TEST: 412

DOSE: 0.03

DISP: Dead

HISTO: 251977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM MAL] TGLs = 1-2	Medulla	Pheochromocytoma Malignant	
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney Note: NEPHROPATHY TGLs = 3-5		Nephropathy	Moderate
Liver Note: NECROSIS TGLs = 4-3.1	Centrilobular	Necrosis	Coagulative, Moderate
Lung Note: CONGESTION TGLs = 2-4+4.1		Congestion	Marked
Lymph Node Note: HEMORRHAGE TGLs = 7-6.1	Pancreatic	Hemorrhage	Mild
Preputial Gland	Duct	Ectasia	Mild
Testes	Interstit Cell	Hyperplasia	Mild
Thymus		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 403

TRT#: 7

SEX: Male

DAY ON TEST: 663

DOSE: 0.03

DISP: Moribund

HISTO: 251981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla Cortex	Pheochromocytoma Benign Vacuolization Cytoplasmic	Focal, Mild
Heart	Atrium	Thrombosis	Marked
Note: THROMBUS TGLs = 6-3			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3,4-5			
Liver		Degeneration Hepatocellular Carcinoma	Cystic, Moderate
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Mixed Cell Focus	Moderate
Note: DEGEN TGLs = 7,8,11-3.1		Necrosis	Coagulative, Mild
Note: MIXED CL FOCUS TGLs = 9-3.1			
Note: [HEPATOCLR CARC] TGLs = 10-3.1			
Lung		Hemorrhage	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 1-8.3			
Skin	Sebaceous GI	Adenoma	Multiple
Note: ADENOMA TGLs = 17-18		Basal Cell Adenoma	Multiple
Note: BASAL CEL ADEN TGLs = 15,16,18,19-16+17+19+20			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 403	TRT#: 7 DOSE: 0.03	SEX: Male DISP: Moribund	DAY ON TEST: 663 HISTO: 251981
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: BASAL CEL ADEN	TGLs = 12,13,14-13+14+15		
Spleen		Fibrosis	Moderate
Note: FIBROSIS	TGLs = 5-3		
Stomach		Glandular	
Testes		Bilateral, Interstit Cell	Erosion
Note: ADENOMA	TGLs = 2-8+8.1		Adenoma
Thymus		Epithel Cell	Hyperplasia
Hyperplasia			Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 404

TRT#: 7

SEX: Male

DAY ON TEST: 512

DOSE: 0.03

DISP: Moribund

HISTO: 251982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Squamous Cell Carcinoma	Metastatic (Skin)
Note: SQUAM CEL CARC	TGLs = 2,3-5+5.1		
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Mild
	Centrilobular	Necrosis	Coagulative, Minimal
Note: BASOPH FOCUS	TGLs = 4-3.1+3.2		
[Hematopoietic Cell Proliferation	TGLS = 4-3.1+3.2]		
[Hyperplasia	TGLS = 4-3.1+3.2]		
Lung		Squamous Cell Carcinoma	Metastatic (Skin)
Note: SQUAM CEL CARC	TGLs = 5,6,7-4+4.1		
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mandibular	Hyperplasia	Lymphoid, Mild
	Mesenteric	Hyperplasia	Reticulum Cell, Mild
Skin	Sebaceous GI	Adenoma	Multiple
		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC	TGLs = 8-13		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 404

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 512
HISTO: 251982

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 9,10-14+15

Spleen

Hematopoietic Cell Proliferation

Marked

Note: HEMA CELL PROL TGLs = 11-3

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 12-8+8.1

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 405

TRT#: 7

SEX: Male

DAY ON TEST: 711

DOSE: 0.03

DISP: Moribund

HISTO: 251983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Brain	Epididymis	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow		Myelofibrosis	Moderate
Heart	Atrium	Thrombosis	Moderate
Note: THROMBUS	TGLs = 9-3		
Intestine Large	Cecum	Edema	Mild
Note: EDEMA	TGLs = 5-7		
Kidney		Nephropathy	Moderate
Liver		Degeneration	Cystic, Moderate
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Necrosis	Coagulative, Mild
		Neoplastic Nodule	Multiple
Note: DEGEN	TGLs = 10,11-3.1+3.2		
Note: NEOPLASTIC NOD	TGLs = 12,13,14,15-3.1+3.2		
Lung		Pigmentation	Focal, Mild
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS	TGLs = 7-7.1		
Preputial Gland		Carcinoma	
Note: CARCINOMA	TGLs = 2-8.4		
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 3-8.3		
Skin	Sebaceous GI	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 405	TRT#: 7 DOSE: 0.03	SEX: Male DISP: Moribund	DAY ON TEST: 711 HISTO: 251983
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ORGAN AND ACCOUNTABLE SITE STATUS

		Basal Cell Adenoma	Multiple
		Cyst Epithelial Inclusion	
	Subcut Tiss	Edema	Moderate
Note: CYST EPITH INC	TGLs = 17-14		
Note: BASAL CEL ADEN	TGLs = 16,18,19,20,21-13+15+16+17+18		
Note: EDEMA	TGLs = 1-10		
Stomach	Glandular	Erosion	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-8+8.1		
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 406

TRT#: 7

SEX: Male

DAY ON TEST: 649

DOSE: 0.03

DISP: Dead

HISTO: 251984

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 - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Mild
Kidney		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5,6-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN	TGLs = 8-13		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 10-8+8.1		
Note: ADENOMA	TGLs = 2,3-8+8.1		
Zymbal's Gland		Carcinoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 407

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 693
HISTO: 251985

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 - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla Bilateral, Medulla	Hyperplasia Pheochromocytoma Benign	Focal, Mild
[Hyperplasia TGLs = 7-2]			
Heart	Atrium	Thrombosis	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 8-5			
Liver		Cyst Degeneration Eosinophilic Focus Hematopoietic Cell Proliferation Mixed Cell Focus Neoplastic Nodule	Cystic, Moderate Mild Mild Moderate Multiple
Note: NEOPLASTIC NOD TGLs = 9-3.1			
Note: CYST TGLs = 10-3.2			
Note: MIXED CL FOCUS TGLs = 9-3.1			
Note: DEGEN TGLs = 9-3.1			
Note: MIXED CL FOCUS TGLs = 9-3.1			
Lung	Interstitium	Inflammation	Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Nose		Inflammation	Suppurative, Mild
Preputial Gland	Duct	Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 407

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 693
HISTO: 251985

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Hyperplasia	Glandular, Focal, Moderate
Skin		Atrophy	Mild
		Basal Cell Adenoma	Multiple
		Basal Cell Carcinoma	
Note: BASAL CEL ADEN	TGLs = 1,2,4-13+14+16		
Note: BASAL CEL CARC	TGLs = 3-15		
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 6-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 5-8+8.1		
Thymus	Epithel Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: C.I. Acid red 114
 CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
 Time Report Requested: 23:24:43
 First Dose M/F: NA / NA
 Lab: HLA

ANIMAL ID: 408

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Dead

DAY ON TEST: 383
HISTO: 251986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Brain	Brain Stem	Compression	Mild
		Hemorrhage	Mild
Kidney		Nephropathy	Mild
Liver		Inflammation	Granulomatous, Multifocal, Minimal
Lung		Congestion	Moderate
Lymph Node	Mandibular, Sinus	Ectasia	Moderate
	Mandibular	Hemorrhage	Mild
	Mediastinal	Hemorrhage	Marked
	Mesenteric	Hyperplasia	Lymphoid, Moderate
Note: HEMORRHAGE TGLs = 2-9+13			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-2			
Prostate		Inflammation	Suppurative, Minimal
Thymus		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 409

TRT#: 7

SEX: Male

DAY ON TEST: 524

DOSE: 0.03

DISP: Moribund

HISTO: 251987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Preputial Gland
Stomach - Glandular
Zymbal's Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Prostate
Thymus

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Trachea

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Eosinophilic Focus
Fatty Change
Hematopoietic Cell Proliferation

Mild
Minimal
Mild
Multifocal, Minimal
Minimal

Note: FATTY CHANGE TGLs = 2-3.1

Note: BASOPH FOCUS TGLs = 2-3.1

Lung

Note: SQUAM CEL CARC TGLs = 4-4+4.1

Seminal Vesicle

Note: ATROPHY TGLs = 7-8.3

Skin

Note: SQUAM CEL CARC TGLs = 1-13

Spleen

Testes

Note: ADENOMA TGLs = 5,6-8+8.1

Thyroid Gland

Bilateral, Interstit Cell

Follicular Cel

Squamous Cell Carcinoma

Atrophy

Squamous Cell Carcinoma

Hematopoietic Cell Proliferation

Adenoma

Adenoma

Metastatic (Skin)

Moderate

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 410

TRT#: 7

SEX: Male

DAY ON TEST: 638

DOSE: 0.03

DISP: Moribund

HISTO: 251988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Small - Duodenum
Mammary Gland
Prostate
Zymbal's Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Stomach - Forestomach

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Parathyroid Gland
Stomach - Glandular

Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Preputial Gland
Trachea

OBSERVATIONS

Adrenal Gland
Heart

Kidney
Note: LEUKEMIA MONUC TGLs = 4-5
Liver

Medulla

Pheochromocytoma Benign
Cardiomyopathy
Leukemia Mononuclear
Leukemia Mononuclear

Mild

Degeneration
Hepatocellular Carcinoma
Leukemia Mononuclear

Cystic, Mild

Note: LEUKEMIA MONUC TGLs = 6,7-3.1
Note: HEPATOCLR CARC TGLs = 5-3.2
Note: DEGEN TGLs = 8-3.2

Lung
Note: LEUKEMIA MONUC TGLs = 11,12-4+4.1

Leukemia Mononuclear

Lymph Node
Mandibular
Mediastinal
Mesenteric

Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 9-13
Note: LEUKEMIA MONUC TGLs = 18-7
Note: LEUKEMIA MONUC TGLs = 13-9+14
Note: HEPATIC NODE LEUKEMIA ENTERED AS LYMPH NODE NOS.
Note: LEUKEMIA MONUC TGLs = 10-9

Pancreas
Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 410

TRT#: 7

SEX: Male

DAY ON TEST: 638

DOSE: 0.03

DISP: Moribund

HISTO: 251988

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland		Leukemia Mononuclear
Salivary Glands		Leukemia Mononuclear
Seminal Vesicle		Leukemia Mononuclear
Skin	Sebaceous Gl	Carcinoma Squamous Cell Carcinoma
Note: [CARCINOMA] TGLs = 14-15		
Note: SQUAM CEL CARC TGLs = 15-16		
Spleen		Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 3-3		
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 2-8+8.1		
Thymus		Leukemia Mononuclear
Thyroid Gland	C Cell	Adenoma
Urinary Bladder		Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 411

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 0.03

DISP: Terminal Sacrifice

HISTO: 251989

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
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Preputial Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED. Note: PHEOCHROM BGN TGLs = 7-2			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 8-5			
Liver		Degeneration	Cystic, Moderate
		Eosinophilic Focus	Moderate
		Leukemia Mononuclear	
		Neoplastic Nodule	Multiple
Note: [NEOPLASTIC NOD] TGLs = 9,10-3.1+3.2			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 11-4+4.1			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Fungus	Moderate
		Hyperplasia	Focal, Moderate
		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 411	TRT#: 7 DOSE: 0.03	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 251989
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ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Atrophy	Moderate
Skin		Basal Cell Adenoma Keratoacanthoma	Multiple Multiple
Note: KERATOACANTHMA	TGLs = 3,6-13+16		
Note: BASAL CEL ADEN	TGLs = 4,5-14+15		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 13-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,2-8+8.1		
Thyroid Gland	Follicular Cel Follicle	Adenoma Cyst	
Tongue		Squamous Cell Papilloma	
Note: [SQ CL PAPILOM]	TGLs = 12-17		

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 412

TRT#: 7

SEX: Male

DAY ON TEST: 651

DOSE: 0.03

DISP: Dead

HISTO: 251990

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 - Mesenteric	Mammary Gland	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4,5-5			
Liver		Basophilic Focus	Moderate
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Mild
Note: BASOPH FOCUS TGLs = 3-3.1		Mixed Cell Focus	Mild
Note: EOSIN FOCUS TGLs = 2-3.1			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Nose		Inflammation	Suppurative, Minimal
Pancreas		Metaplasia	Mild
Note: HEPATOID CELLS AROUND PANCREATIC ISLET.			
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN TGLs = 6-13			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 7,8-8+8.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 412

TRT#: 7

SEX: Male

DAY ON TEST: 651

DOSE: 0.03

DISP: Dead

HISTO: 251990

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 413

TRT#: 7

DOSE: 0.03

SEX: Male

DISP: Moribund

DAY ON TEST: 617

HISTO: 251991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Esophagus

Intestine Small - Duodenum

Lung

Pancreas

Prostate

Thymus

Zymbal's Gland

Bone Marrow

Intestine Large - Cecum

Intestine Small - Ileum

Lymph Node - Mesenteric

Parathyroid Gland

Salivary Glands

Thyroid Gland

Brain

Intestine Large - Colon

Intestine Small - Jejunum

Mammary Gland

Pituitary Gland

Stomach - Forestomach

Trachea

Epididymis

Intestine Large - Rectum

Islets, Pancreatic

Nose

Preputial Gland

Stomach - Glandular

Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland

Bilateral

Hyperplasia

Focal, Mild

Heart

Atrium

Thrombosis

Moderate

Note: THROMBUS TGLs = 2-3

Kidney

Nephropathy

Mild

Liver

Basophilic Focus

Mild

Degeneration

Cystic, Moderate

Eosinophilic Focus

Mild

Mixed Cell Focus

Mild

Neoplastic Nodule

Note: DEGEN TGLs = 4-3.1

Note: NEOPLASTIC NOD TGLs = 4-3.1

Lymph Node

Mandibular, Sinus

Ectasia

Mild

Mandibular

Hyperplasia

Plasma Cell, Moderate

Skin

Basal Cell Adenoma

Multiple

Note: BASAL CEL ADEN TGLs = 6,7-13

Spleen

Hematopoietic Cell Proliferation

Marked

Note: HEMA CELL PROL TGLs = 1-3

Testes

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 413

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 617
HISTO: 251991

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:43

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 414

TRT#: 7

DOSE: 0.03

SEX: Male

DISP: Moribund

DAY ON TEST: 524

HISTO: 251992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Hematopoietic Cell Proliferation	Mild
Note: BASOPH FOCUS TGLs = 6,7-3.1			
Note: DEGEN TGLs = 6,7-3.1			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Marked
Note: HYPERPLASIA TGLs = 4-9			
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 9-8.3			
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN TGLs = 1-13			
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 8-8+8.1			
Zymbal's Gland		Carcinoma	
Note: CARCINOMA TGLs = 2-10			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 415

TRT#: 7

SEX: Male

DAY ON TEST: 694

DOSE: 0.03

DISP: Dead

HISTO: 251993

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	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Spleen
Stomach - Glandular	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart	Atrium	Thrombosis	Moderate
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Moderate
		Necrosis	Coagulative, Multifocal, Mild
		Neoplastic Nodule	
Note: NECROSIS	TGLs = 2-3.1		
Note: EOSIN FOCUS	TGLs = 2-3.1		
[Eosinophilic Focus TGLS = 2-3.1]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Pancreas	Acinus	Hyperplasia	Focal, Mild
Prostate		Inflammation	Chronic Active, Moderate
Seminal Vesicle		Atrophy	Moderate
Skin		Basal Cell Adenoma	Multiple
		Basal Cell Carcinoma	Multiple
Note: BASAL CEL ADEN	TGLs = 6,7-15+16		
Note: BASAL CEL CARC	TGLs = 4,5-13+14		
Stomach	Forestomach	Ulcer	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 415

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Dead

DAY ON TEST: 694
HISTO: 251993

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 1-8+8.1
Thyroid Gland
Note: ADENOMA TGLs = 11

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 416

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Dead

DAY ON TEST: 704
HISTO: 251994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Brain	Epididymis	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Pituitary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Pancreas	Thyroid Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-2]			
Bone Marrow		Atrophy	Moderate
Heart	Atrium	Thrombosis	Mild
Note: THROMBUS	TGLs = 8-3		
Kidney		Nephropathy	Mild
Liver		Eosinophilic Focus	Moderate
		Fatty Change	Multifocal, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular	Necrosis	Coagulative, Mild
		Neoplastic Nodule	
Note: EOSIN FOCUS	TGLs = 9,10,11-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 14-13		
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 2-8.3		
Skin		Basal Cell Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 416

TRT#: 7

SEX: Male

DAY ON TEST: 704

DOSE: 0.03

DISP: Dead

HISTO: 251994

ORGAN AND ACCOUNTABLE SITE STATUS

Note: BASAL CEL ADEN	TGLs = 15,16,17-14+15+16	Squamous Cell Papilloma	
Note: SQ CL PAPILOM	TGLs = 18-17		
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 4-3		
Testes		Bilateral, Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 1-8+8.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:43
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 417

TRT#: 7

SEX: Male

DAY ON TEST: 663

DOSE: 0.03

DISP: Moribund

HISTO: 251995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	Moderate
Kidney		Leukemia Mononuclear	
Note: NEPHROPATHY	TGLs = 3,4-5	Nephropathy	Moderate
Liver		Basophilic Focus	Moderate
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	Marked
		Leukemia Mononuclear	
		Neoplastic Nodule	
		Regeneration	Moderate
Note: LEUKEMIA MONUC	TGLs = 9-3.1		
Note: DEGEN	TGLs = 8,10,11,12-3.1		
Note: REGENERATION	TGLs = 9-3.1		
Lung		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 1-8.3		
Skin		Basal Cell Adenoma	Multiple
Note: BASAL CEL ADEN	TGLs = 17,18-17+18		
Note: BASAL CEL ADEN	TGLs = 14,15,16-14+15+16		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 417

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 663
HISTO: 251995

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: LEUKEMIA MONUC TGLs = 5,6-3		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 2-8+8.1	Bilateral, Interstit Cell	Adenoma	
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	
Tongue Note: SQ CL PAPILLOM TGLs = 7-13		Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 418

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 530
HISTO: 251996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	
Liver		Basophilic Focus	Moderate
		Hepatocellular Carcinoma	
		Infarct	Marked
		Leukemia Mononuclear	
Note: HEPATOCLR CARC TGLs = 6-3.1 [Leukemia Mononuclear TGLS = 7,8-3.2]			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Preputial Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-8.4			
Prostate		Hyperplasia	Focal, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-8+8.1			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 419

TRT#: 7

SEX: Male

DAY ON TEST: 556

DOSE: 0.03

DISP: Moribund

HISTO: 251997

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	Mammary Gland	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
	Centrilobular	Necrosis	Coagulative, Mild
Note: NECROSIS TGLs = 2-3.1			
Lung	Bronchiole	Inflammation	Acute, Moderate
Note: INFLAMMATION TGLs = 3-4+4.1			
Lymph Node	Mandibular	Hemorrhage	Mild
	Mesenteric	Hemorrhage	Mild
Nose		Inflammation	Suppurative, Moderate
		Squamous Cell Carcinoma	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-8+8.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 420

TRT#: 7

DOSE: 0.03

SEX: Male

DISP: Dead

DAY ON TEST: 723

HISTO: 251998

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	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Moderate
Note: THROMBUS TGLs = 10-3			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 7-5			
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Moderate
	Centrilobular	Necrosis	Coagulative, Moderate
Note: NECROSIS TGLs = 8,9-3.1			
Note: DEGEN TGLs = 8-3.1			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Focal, Mild
		Infiltration Cellular	Histiocyte, Minimal
	Interstitialium	Inflammation	Mild
Note: INFILTRAT CELL TGLs = 11-4+4.1			
Note: ALV BRON ADEN TGLs = 12-4			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 420

TRT#: 7

SEX: Male

DAY ON TEST: 723

DOSE: 0.03

DISP: Dead

HISTO: 251998

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 13-4.1

Pancreas	Acinus
Prostate	
Skin	Sebaceous Gl

Atrophy	Mild
Hyperplasia	Focal, Mild
Adenoma	
Basal Cell Adenoma	Multiple
Keratoacanthoma	
Squamous Cell Papilloma	

Note: KERATOACANTHMA TGLs = 4-16

Note: SQ CL PAPILLOM TGLs = 14-17

Note: ADENOMA TGLs = 3-15

Note: BASAL CEL ADEN TGLs = 1,2-13+14

Testes	Bilateral, Interstit Cell
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Adenoma

Note: ADENOMA TGLs = 5,6-8+8.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 421

TRT#: 7

DOSE: 0.03

SEX: Male

DISP: Moribund

DAY ON TEST: 661

HISTO: 251999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Thymus
Zymbal's Gland

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Forestomach
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Prostate
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Heart
Kidney

Cardiomyopathy
Infarct
Nephropathy

Mild
Marked
Moderate

Note: INFARCT TGLs = 6-5
Note: NEPHROPATHY TGLs = 5-5

Liver

Basophilic Focus
Degeneration
Eosinophilic Focus
Hematopoietic Cell Proliferation
Mixed Cell Focus
Necrosis

Moderate
Cystic, Mild
Mild
Minimal
Mild
Coagulative, Mild

Note: DEGEN TGLs = 4-3.1

Lung
Pancreas
Preputial Gland
Skin

Centrilobular
Alveolar Epith
Acinus

Hyperplasia
Atrophy
Inflammation
Basal Cell Adenoma
Basal Cell Carcinoma

Focal, Minimal
Minimal
Suppurative, Minimal

Note: BASAL CEL CARC TGLs = 8-14
Note: BASAL CEL ADEN TGLs = 7-13

Spleen
Testes

Bilateral, Interstit Cell

Hematopoietic Cell Proliferation
Adenoma

Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 421

TRT#: 7

SEX: Male

DAY ON TEST: 661

DOSE: 0.03

DISP: Moribund

HISTO: 251999

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2,3-8+8.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 422

TRT#: 7

SEX: Male

DAY ON TEST: 531

DOSE: 0.03

DISP: Moribund

HISTO: 252000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Hepatocellular Carcinoma	
		Hepatodiaphragmatic Nodule	
		Infarct	Moderate
		Mixed Cell Focus	Mild
Note: [HEPATOCLR CARC]	TGLs = 4-3.1		
Note: ANOM HEPAT LOB	TGLs = 5-6		
[Degeneration TGLS = 5-6]			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Prostate		Inflammation	Chronic Active, Minimal
Skin		Basal Cell Adenoma	Multiple
Note: BASAL CEL ADEN	TGLs = 1,2-13+14		
Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
Note: ADENOMA	TGLs = 3-8+8.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 422

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 531
HISTO: 252000

ORGAN AND ACCOUNTABLE SITE STATUS

Tissue NOS
Note: TISSUE NOS = PERITONEAL CAVITY.

Mesothelioma Malignant

Metastatic (Testes)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 423

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 0.03

DISP: Dead

HISTO: 252001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Parathyroid Gland	Seminal Vesicle
Skin	Stomach - Forestomach	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Multifocal, Mild
Heart	Atrium	Cardiomyopathy Dilatation	Mild Moderate
Note: DILATATION TGLs = 8-3			
Kidney		Leukemia Mononuclear Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-3.1			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4.1			
Lymph Node	Mandibular Mediastinal Mesenteric Pancreatic	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-7			
Note: LEUKEMIA MONUC TGLs = 1-9			
Note: LEUKEMIA MONUC TGLs = 11-6			
[Leukemia Mononuclear TGLS = 10-9+13]			
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Note: PITUITARY ACIDOPHIL CELL ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 423

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 0.03

DISP: Dead

HISTO: 252001

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland

Adenoma

Note: [ADENOMA] TGLs = 2-8.2

Prostate

Leukemia Mononuclear

Salivary Glands

Leukemia Mononuclear

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 12,13-3

Stomach

Glandular

Erosion

Minimal

Testes

Bilateral, Interstit Cell

Adenoma

Interstit Cell

Hyperplasia

Mild

Note: ADENOMA TGLs = 3,4-8+8.1

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 424

TRT#: 7

SEX: Male

DAY ON TEST: 545

DOSE: 0.03

DISP: Moribund

HISTO: 252002

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 - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Heart	Atrium	Thrombosis	Marked
			[Thrombosis TGLS = 6-3]
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Marked
		Eosinophilic Focus	Mild
	Centrilobular	Fatty Change	Mild
		Hematopoietic Cell Proliferation	Minimal
		Neoplastic Nodule	
			Note: FATTY CHANGE TGLs = 4-3.1
			[Hematopoietic Cell Proliferation TGLS = 5-3.1]
Lung	Interstitium	Inflammation	Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
			Note: HEMORRHAGE TGLs = 7-14
Pancreas	Acinus	Atrophy	Mild
Skin		Basal Cell Carcinoma	
			Note: BASAL CEL CARC TGLs = 1-13
Spleen		Hematopoietic Cell Proliferation	Marked
			[Hematopoietic Cell Proliferation TGLS = 2-3]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 424

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 545
HISTO: 252002

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 8-8			
Thymus	Epithel Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 425

TRT#: 7

SEX: Male

DAY ON TEST: 511

DOSE: 0.03

DISP: Dead

HISTO: 252003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone	Sternum	Osteopetrosis	Moderate
Brain		Astrocytoma Malignant	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Degeneration	Cystic, Mild
		Infarct	Marked
	Centrilobular	Necrosis	Coagulative, Mild
Note: INFARCT TGLs = 2-3.1			
Note: DEGEN TGLs = 3-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 4-14			
Nose		Fungus	Moderate
		Inflammation	Suppurative, Moderate
Prostate		Inflammation	Chronic Active, Moderate
Skin		Hyperkeratosis	Focal, Mild
Note: HYPERKERATOSIS TGLs = 1-13			
Stomach	Glandular	Erosion	Moderate
Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 426

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 473
HISTO: 252004

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Moderate
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Mild
		Fatty Change	Multifocal, Minimal
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Necrosis	Coagulative, Minimal
Note: EOSIN FOCUS TGLs = 10-3.1 [Basophilic Focus TGLS = 9-3.1] [Eosinophilic Focus TGLS = 10-3.1]			
Lung		Infiltration Cellular	Histiocyte, Minimal
	Bronchiole	Inflammation	Acute, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS TGLs = 3-13			
Pituitary Gland		Cyst	
		Ectopic Tissue	
	Pars Distalis	Hyperplasia	Focal, Mild
Note: ECTOPIC SALIVARY GLAND IN NEUROHYPOPHYSIS. [Hyperplasia TGLS = 7-2]			
Preputial Gland		Inflammation	Chronic Active, Minimal
Skin		Basal Cell Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 426

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 473
HISTO: 252004

ORGAN AND ACCOUNTABLE SITE STATUS

Note: BASAL CEL ADEN	TGLs = 6-14	Basal Cell Carcinoma	
Note: BASAL CEL CARC	TGLs = 11-15		
Spleen		Hematopoietic Cell Proliferation Necrosis	Marked Moderate
Note: HEMA CELL PROL	TGLs = 4-3		
[Hematopoietic Cell Proliferation TGLS = 5-3]			
Testes		Hyospermia	Mild
Note: HYOSPERMIA	TGLs = 1-8+8.1		
Thymus	Epithel Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 427

TRT#: 7

SEX: Male

DAY ON TEST: 614

DOSE: 0.03

DISP: Moribund

HISTO: 252005

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 - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-2]			
Heart	Atrium	Thrombosis	Mild
Kidney		Nephropathy	Mild
Liver		Eosinophilic Focus	Mild
		Fatty Change	Multifocal, Minimal
	Bile Duct	Hyperplasia	Mild
		Infarct	Marked
	Centrilobular	Necrosis	Coagulative, Mild
Note: NECROSIS	TGLs = 6-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
	Interstitium	Inflammation	Mild
Note: INFILTRAT CELL	TGLs = 7-4+4.1		
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Pancreas	Acinus	Hyperplasia	Focal, Mild
Pituitary Gland		Angiectasis	Mild
Note: ANGIECTASIS	TGLs = 8-2		
Prostate		Inflammation	Chronic Active, Moderate
Skin		Basal Cell Adenoma	Multiple
		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 10-14		
Note: BASAL CEL ADEN	TGLs = 9,11-13+15		
Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 427

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 614
HISTO: 252005

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Glandular	Erosion	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-8+8.1		
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 428

TRT#: 7

SEX: Male

DAY ON TEST: 501

DOSE: 0.03

DISP: Moribund

HISTO: 252006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large	Cecum	Mesothelioma Malignant	Metastatic (Testes)
Intestine Small	Ileum	Mesothelioma Malignant	Metastatic (Testes)
Kidney		Nephropathy	Mild
Liver		Degeneration	Cystic, Mild
		Mixed Cell Focus	Minimal
Note: DEGEN	TGLs = 4-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
		Mesothelioma Malignant	Metastatic (Testes)
Lymph Node	Mediastinal	Hemorrhage	Mild
		Mesothelioma Malignant	Metastatic (Testes)
	Mediastinal	Pigmentation	Hemosiderin, Moderate
Note: PIGMENT	TGLs = 6-9+14		
Note: HEMORRHAGE	TGLs = 6-9+14		
Mesentery		Mesothelioma Malignant	Metastatic (Testes)
Note: MESOTHELIO MAL	TGLs = 8-13		
Note: GROSS LESION IN TISSUE NOS WAS MESENTERIC MASS.			
Pancreas	Acinus	Atrophy	Mild
Seminal Vesicle		Mesothelioma Malignant	Metastatic (Testes)
Skeletal Muscle	Diaphragm	Mesothelioma Malignant	Metastatic (Testes)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 428	TRT#: 7 DOSE: 0.03	SEX: Male DISP: Moribund	DAY ON TEST: 501 HISTO: 252006
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: MESOTHELIO MAL	TGLs = 5-13		
Stomach	Glandular	Degeneration	Cystic, Minimal
Testes	Interstit Cell	Hyperplasia	Mild
		Mesothelioma Malignant	
Thymus	Epithel Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 429

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 582
HISTO: 252007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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 - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Minimal
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
		Neoplastic Nodule	
Note: NEOPLASTIC NOD TGLs = 4-3.1			
Note: DEGEN TGLs = 4-3.1			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Nose		Fungus	Mild
		Inflammation	Suppurative, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 3-8.3			
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 5-13			
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 429

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 582
HISTO: 252007

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hyperplasia
Hypospermia

Mild
Mild

Note: HYOSPERMIA TGLs = 2-8.1

Note: ADENOMA TGLs = 1-8

Zymbal's Gland

Note: CARCINOMA TGLs = 6-10.1

Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 430

TRT#: 7

SEX: Male

DAY ON TEST: 470

DOSE: 0.03

DISP: Moribund

HISTO: 252008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Mild
		Clear Cell Focus	Mild
		Degeneration	Cystic, Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Mild
	Centrilobular	Necrosis	Coagulative, Moderate
Note: ANOM HEPAT LOB	TGLs = 3-3.3		
Note: NECROSIS	TGLs = 2,4-3.1+3.2+3.3		
Note: MIXED CL FOCUS	TGLs = 4-3.1+3.2+3.3		
Lung		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 5,6-4+4.1		
Lymph Node	Mediastinal	Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 7-13		
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS	TGLs = 8-14		
Nose		Inflammation	Suppurative, Moderate
Preputial Gland	Duct	Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 430	TRT#: 7 DOSE: 0.03	SEX: Male DISP: Moribund	DAY ON TEST: 470 HISTO: 252008
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: ECTASIA TGLs = 1-8.2

Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 431

TRT#: 7

DOSE: 0.03

SEX: Male

DISP: Dead

DAY ON TEST: 658

HISTO: 252009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Preputial Gland
Stomach - Forestomach
Zymbal's Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Salivary Glands
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pituitary Gland
Spleen
Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney
Liver

Nephropathy
Eosinophilic Focus
Necrosis
Sarcoma

Moderate
Mild
Coagulative, Multifocal, Mild
Metastatic (Uncertain Primary Site)

Lung
Note: [SARCOMA] TGLs = 8-4+4.1

Inflammation
Keratoacanthoma
Sarcoma

Chronic Active, Mild
Metastatic (Uncertain Primary Site)

Prostate
Skin
Note: [SARCOMA] TGLs = 4,6,7-13+15+16
Note: KERATOACANTHMA TGLs = 5-14

Glandular

Erosion

Mild

Stomach
Note: EROSION TGLs = 10-6

Bilateral, Interstit Cell

Adenoma

Testes
Note: ADENOMA TGLs = 1,9-8+8.1

Thymus

Sarcoma

Metastatic (Uncertain Primary Site)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 432

TRT#: 7

SEX: Male

DAY ON TEST: 625

DOSE: 0.03

DISP: Moribund

HISTO: 252010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
Heart	Ventricl Rgt	Thrombosis	Moderate
Note: MURAL THROMBUS ATTACHED TO WALL OF RIGHT VENTRICLE.			
Intestine Large	Colon	Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-3.1			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-9			
Nose		Inflammation	Suppurative, Mild
Skin		Basal Cell Adenoma	
		Keratoacanthoma	Multiple
Note: BASAL CEL ADEN TGLs = 8-13			
Note: KERATOACANTHMA TGLs = 9,10-14+15			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3			
Testes	Interstit Cell	Adenoma	
		Hypospermia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 432

TRT#: 7

SEX: Male

DAY ON TEST: 625

DOSE: 0.03

DISP: Moribund

HISTO: 252010

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 3-8.1

Note: HYOSPERMIA TGLs = 2-8+8.1

Thymus

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 7-9

Trachea

Inflammation

Suppurative, Mild

Zymbal's Gland

Adenoma

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 433

TRT#: 7

SEX: Male

DAY ON TEST: 724

DOSE: 0.03

DISP: Dead

HISTO: 252011

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
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Mild
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Mild
Note: THROMBUS	TGLs = 8-3		
Kidney		Nephropathy	Moderate
Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
		Neoplastic Nodule	
Note: NEOPLASTIC NOD	TGLs = 5-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Fibrosis	Moderate
	Mesenteric	Fibrosis	Moderate
Nose		Inflammation	Suppurative, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN	TGLs = 1-13		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3,4-8+8.1		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 433

TRT#: 7

SEX: Male

DAY ON TEST: 724

DOSE: 0.03

DISP: Dead

HISTO: 252011

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 434

TRT#: 7

SEX: Male

DAY ON TEST: 677

DOSE: 0.03

DISP: Moribund

HISTO: 252012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Stomach - Forestomach	Stomach - Glandular	Trachea
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Eye		Cataract	Moderate
Note: CATARACT	TGLs = 8-13		
Heart		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 12-3		
Intestine Small	Ileum	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-6+14		
Kidney		Leukemia Mononuclear	
Liver		Basophilic Focus	Marked
		Eosinophilic Focus	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 15,16,17-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 13,14-4+4.1		
Lymph Node	Axillary	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-7		
Note: LEUKEMIA MONUC	TGLs = 6-6		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 434

TRT#: 7

SEX: Male

DAY ON TEST: 677

DOSE: 0.03

DISP: Moribund

HISTO: 252012

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC	TGLs = 10-15		
Note: LEUKEMIA MONUC	TGLs = 11-9		
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-2		
Prostate		Leukemia Mononuclear	
Salivary Glands		Leukemia Mononuclear	
Seminal Vesicle		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-8.3		
Skin		Basal Cell Adenoma	Multiple
Note: BASAL CEL ADEN	TGLs = 18,19,20-16+17+18		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-3		
Testes		Bilateral, Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 3-8+8.1		
Thymus		Leukemia Mononuclear	
Thyroid Gland		Leukemia Mononuclear	
Urinary Bladder		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-8.2		

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 435

TRT#: 7

SEX: Male

DAY ON TEST: 531

DOSE: 0.03

DISP: Moribund

HISTO: 252013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Epididymis Note: MESOTHELIO MAL TGLs = 2-8+8.1		Mesothelioma Malignant	Metastatic (Testes)
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Mild
		Mixed Cell Focus	Mild
		Neoplastic Nodule	
Note: MIXED CL FOCUS TGLs = 4-3.1 [Degeneration TGLS = 5-3.1] [Mixed Cell Focus TGLS = 4-3.1]			
Lung	Alveolar Epith	Hyperplasia	Multifocal, Mild
Preputial Gland	Duct	Ectasia	Mild
Prostate		Inflammation	Chronic Active, Mild
Skin	Sebaceous GI	Adenoma	
		Squamous Cell Carcinoma	Multiple
Note: 2 SQUAMOUS CELL CARCINOMAS. Note: SQUAM CEL CARC TGLs = 1,6-13+14			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-8+8.1		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 435

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 531
HISTO: 252013

ORGAN AND ACCOUNTABLE SITE STATUS

Tissue NOS
Note: TISSUE NOS = PERITONEAL CAVITY.

Mesothelioma Malignant

Metastatic (Testes)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 436

TRT#: 7

SEX: Male

DAY ON TEST: 694

DOSE: 0.03

DISP: Moribund

HISTO: 252014

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	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Atrium	Thrombosis	Moderate
[Thrombosis TGLS = 14-3]			
Kidney		Cyst	
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 10-5			
Note: CYST TGLs = 10-5			
Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Hepatodiaphragmatic Nodule	
	Centrilobular	Necrosis	Coagulative, Focal, Mild
		Neoplastic Nodule	
Note: EOSIN FOCUS TGLs = 12-3.1			
[Degeneration TGLS = 11-3.1]			
[Eosinophilic Focus TGLS = 13-3.1]			
Lung	Interstitial	Inflammation	Mild
	Capillary	Thrombosis	Moderate
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 8-8.3			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 436	TRT#: 7 DOSE: 0.03	SEX: Male DISP: Moribund	DAY ON TEST: 694 HISTO: 252014
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ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Basal Cell Adenoma Squamous Cell Carcinoma	Multiple
Note: BASAL CEL ADEN TGLs = 2,3,4,5-14+15+16+17 Note: SQUAM CEL CARC TGLs = 1-13		
Spleen	Fibrosis Hematopoietic Cell Proliferation	Moderate Moderate
[Hematopoietic Cell Proliferation TGLS = 9-3]		
Testes	Bilateral, Interstit Cell Adenoma	
Note: ADENOMA TGLs = 6,7-8+8.1		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 437

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Dead

DAY ON TEST: 634
HISTO: 252015

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	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Bilateral Medulla	Hyperplasia Pheochromocytoma Benign	Focal, Mild
Heart	Atrium	Thrombosis	Moderate
Intestine Small Note: ADENOCARC TGLs = 3-14	Jejunum	Adenocarcinoma	Cystic, Mucinous
Kidney		Nephropathy	Mild
Liver		Degeneration Eosinophilic Focus Hepatocellular Carcinoma Mixed Cell Focus	Cystic, Mild Mild
	Centrilobular	Necrosis Neoplastic Nodule	Mild Coagulative, Mild
Note: MIXED CL FOCUS TGLs = 6,7-3.1 Note: DEGEN TGLs = 7-3.1 Note: EOSIN FOCUS TGLs = 6,7-3.1 [Degeneration TGLS = 5-3.1] [Mixed Cell Focus TGLS = 5-3.1]			
Mesentery Note: NECROSIS TGLs = 2-13	Fat	Necrosis	Focal, Marked
Nose		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 437

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Dead

DAY ON TEST: 634
HISTO: 252015

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle

Note: ATROPHY TGLs = 11-8.3

Atrophy

Moderate

Skin

Note: BASAL CEL ADEN TGLs = 8-14

Basal Cell Adenoma

Testes

Note: ADENOMA TGLs = 1-8+8.1

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 438

TRT#: 7

SEX: Male

DAY ON TEST: 377

DOSE: 0.03

DISP: Moribund

HISTO: 252016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Preputial Gland
Stomach - Glandular

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Pancreas
Salivary Glands
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Skin
Trachea

MISSING

Mammary Gland

Thymus

OBSERVATIONS

Kidney
Liver
Peripheral Nerve
 Note: [SCHWANNOMA MAL] TGLs = 2-13+13.1
Prostate
Seminal Vesicle
Spleen
 [Hematopoietic Cell Proliferation TGLS = 3-3]
Testes
Zymbal's Gland

Nephropathy
Mixed Cell Focus
Schwannoma Malignant

Inflammation
Inflammation
Hematopoietic Cell Proliferation

Hyperplasia
Ectasia
Hyperplasia

Mild
Minimal

Chronic Active, Marked
Chronic Active, Moderate
Marked

Mild
Moderate
Squamous, Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 439

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 663
HISTO: 252017

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 - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart	Atrium	Cardiomyopathy	Mild
		Thrombosis	Moderate
Note: CARDIOMYOPATHY TGLs = 7-3			
Note: THROMBUS TGLs = 6-3			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 5-5			
Liver		Basophilic Focus	Marked
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: DEGEN TGLs = 8,9-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic Active, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 2-8.3			
Skin		Basal Cell Adenoma	
	Hair Follicle	Hyperplasia	Basal Cell, Focal, Minimal
	Subcut Tiss	Lipoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 439

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 663
HISTO: 252017

ORGAN AND ACCOUNTABLE SITE STATUS

Note: BASAL CEL ADEN TGLs = 10-14

Note: [LIPOMA] TGLs = 1-13

Spleen

Leukemia Mononuclear

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 3,4-8+8.1

Thymus

Epithel Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 440

TRT#: 7

SEX: Male

DAY ON TEST: 530

DOSE: 0.03

DISP: Moribund

HISTO: 252018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Clear Cell Focus	Mild
		Degeneration	Cystic, Mild
		Mixed Cell Focus	Mild
Note: MIXED CL FOCUS TGLs = 4-3.1 [Mixed Cell Focus TGLS = 4-3.1]			
Lymph Node	Mandibular, Sinus Mandibular	Ectasia Hyperplasia	Mild Plasma Cell, Mild
Nose		Fungus Inflammation	Moderate Suppurative, Mild
		Ulcer Carcinoma	Moderate
Preputial Gland			
Note: CARCINOMA TGLs = 1-8.4			
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN TGLs = 5-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-8+8.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 440

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 530
HISTO: 252018

ORGAN AND ACCOUNTABLE SITE STATUS

Zymbal's Gland

Ectasia

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 441

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 693
HISTO: 252019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone	Sternum	Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 4-11			
Heart	Atrium	Thrombosis	Marked
Note: THROMBUS TGLs = 5,7-3			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 13-5			
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
	Centrilobular	Necrosis	Coagulative, Mild
Note: DEGEN TGLs = 10-3.1			
Note: NECROSIS TGLs = 6-3.1			
Lung	Interstitium	Inflammation	Mild
	Capillary	Thrombosis	Mild
Seminal Vesicle		Atrophy	Mild
Skin		Basal Cell Adenoma	Multiple
Note: BASAL CEL ADEN TGLs = 1,2-13+14			
Spleen		Fibrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 441

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 693
HISTO: 252019

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMA CELL PROL TGLs = 11-3		Hematopoietic Cell Proliferation	Marked
Note: FIBROSIS TGLs = 12-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 8,9-8+8.1			
Thymus	Epithel Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 442

TRT#: 7

SEX: Male

DAY ON TEST: 530

DOSE: 0.03

DISP: Moribund

HISTO: 252020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
		Hyperplasia	Minimal
Note: DEGEN	TGLs = 4-3.1	Bile Duct	
Lymph Node		Mandibular	
Preputial Gland		Hyperplasia	Plasma Cell, Moderate
Note: CARCINOMA	TGLs = 1-8.2	Carcinoma	
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN	TGLs = 6-13		
Testes		Bilateral, Interstit Cell	
Note: ADENOMA	TGLs = 2,3-8+8.1	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 443

TRT#: 7

DOSE: 0.03

SEX: Male

DISP: Moribund

DAY ON TEST: 538

HISTO: 252021

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 - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
Note: DEGEN TGLs = 2,3-3.1			
Note: EOSIN FOCUS TGLs = 2-3.1			
[Degeneration TGLS = 2-3.1]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mediastinal	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Nose		Foreign Body	Mild
		Inflammation	Suppurative, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-2]			
Skin		Basal Cell Adenoma	Multiple
		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 5-13			
Note: BASAL CEL ADEN TGLs = 6,7,8-14+15+16			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 443

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 538
HISTO: 252021

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Note: ADENOMA	TGLs = 9-8		
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 444

TRT#: 7

SEX: Male

DAY ON TEST: 638

DOSE: 0.03

DISP: Dead

HISTO: 252022

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	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Pituitary Gland	Preputial Gland	Prostate	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Heart	Atrium	Thrombosis	Marked
Note: THROMBUS TGLs = 10,12-3			
Kidney		Nephropathy	Mild
Liver	Centrilobular	Fatty Change	Minimal
	Centrilobular	Hepatocellular Carcinoma	
		Necrosis	Coagulative, Moderate
		Neoplastic Nodule	
Note: NECROSIS TGLs = 7-3.1+3.2			
Note: HEPATOCLR CARC TGLs = 6-3.1			
[Necrosis TGLs = 8-3.2]			
Lung	Alveolar Epith	Hyperplasia	Multifocal, Mild
Nose		Fungus	Mild
		Inflammation	Suppurative, Mild
Salivary Glands		Edema	Mild
Note: EDEMA TGLs = 9-9			
Skin		Basal Cell Adenoma	Multiple
Note: BASAL CEL ADEN TGLs = 1,2,13-13+14+15			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 444

TRT#: 7

SEX: Male

DAY ON TEST: 638

DOSE: 0.03

DISP: Dead

HISTO: 252022

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 5-8+8.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 445

TRT#: 7

DOSE: 0.03

SEX: Male

DISP: Moribund

DAY ON TEST: 663

HISTO: 252023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Heart [Thrombosis TGLS = 6-3]	Atrium	Thrombosis	Moderate
Intestine Large Note: EDEMA TGLs = 4-7	Cecum	Edema	Mild
Kidney Note: NEPHROPATHY TGLs = 3-5		Nephropathy	Moderate
Liver Note: NECROSIS TGLs = 8-3.1 Note: DEGEN TGLs = 8-3.1 [Degeneration TGLS = 9,10-3.1]		Basophilic Focus Degeneration Eosinophilic Focus Necrosis	Mild Cystic, Mild Moderate Coagulative, Multifocal, Mild
Lung Seminal Vesicle Note: ATROPHY TGLs = 1-8.3	Alveolar Epith	Hyperplasia Atrophy	Focal, Moderate Moderate
Skin Note: FIBROMA TGLs = 13-15 Note: BASAL CEL ADEN TGLs = 11,12,14,15-13+14+16+17	Subcut Tiss	Basal Cell Adenoma Fibroma	Multiple
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 445

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 663
HISTO: 252023

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-8+8.1

Thymus Epithel Cell
Thyroid Gland C Cell

Hyperplasia
Carcinoma

Mild

Note: [CARCINOMA] TGLs = 7-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 446

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Dead

DAY ON TEST: 622
HISTO: 252024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Zymbal's Gland		

MISSING

Mammary Gland	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM MAL] TGLs = 2-2	Medulla	Pheochromocytoma Malignant	
Brain		Inflammation	Suppurative, Mild
Heart		Inflammation	Suppurative, Mild
Kidney Note: NEPHROPATHY TGLs = 5-5		Inflammation	Suppurative, Marked
Liver		Nephropathy	Moderate
		Basophilic Focus	Moderate
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
		Mixed Cell Focus	Mild
	Centrilobular	Necrosis	Coagulative, Mild
Note: NECROSIS TGLs = 3-3.1			
Note: DEGEN TGLs = 3-3.1			
Note: EOSIN FOCUS TGLs = 3-3.1 [Necrosis TGLs = 4-3.1]			
Nose		Inflammation	Suppurative, Mild
Spleen Note: HEMA CELL PROL TGLs = 6-3		Hematopoietic Cell Proliferation	Marked
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 446

TRT#: 7

SEX: Male

DAY ON TEST: 622

DOSE: 0.03

DISP: Dead

HISTO: 252024

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Epithel Cell

Hyperplasia

Mild

Urinary Bladder

Ectasia

Marked

Note: ECTASIA TGLs = 1-8.2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 447

TRT#: 7

DOSE: 0.03

SEX: Male

DISP: Moribund

DAY ON TEST: 531

HISTO: 252025

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	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 8-3.1			
Note: DEGEN TGLs = 7-3.1			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Skin		Basal Cell Adenoma	Multiple
	Sebaceous GI	Hyperplasia	Focal, Mild
		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 3-15			
Note: 4 BASAL CELL ADENOMAS.			
Note: BASAL CEL ADEN TGLs = 1,2,4,5-13+14+16+17			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 9-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6-8+8.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 447

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 531
HISTO: 252025

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Epithel Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 448

TRT#: 7

SEX: Male

DAY ON TEST: 581

DOSE: 0.03

DISP: Dead

HISTO: 252026

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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-2		
Heart		Cardiomyopathy	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Eosinophilic Focus	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3,4-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular, Sinus	Ectasia	Moderate
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 7-8.3		
Skin		Basal Cell Carcinoma	
Note: BASAL CEL CARC	TGLs = 2-13		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 8-8+8.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 448

TRT#: 7

SEX: Male

DAY ON TEST: 581

DOSE: 0.03

DISP: Dead

HISTO: 252026

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 449

TRT#: 7
DOSE: 0.03

SEX: Male
DISP: Moribund

DAY ON TEST: 711
HISTO: 252027

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	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Multifocal, Mild
Heart	Atrium	Thrombosis	Marked
Note: THROMBUS TGLs = 10-3			
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	Moderate
		Fatty Change	Multifocal, Minimal
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular	Necrosis	Coagulative, Minimal
		Neoplastic Nodule	
Note: NEOPLASTIC NOD TGLs = 15-3.1			
Note: DEGEN TGLs = 11,12-3.1			
Note: EOSIN FOCUS TGLs = 11,12,13,14-3.1			
Note: FATTY CHANGE TGLs = 11-3.1			
Lung	Interstitium	Inflammation	Mild
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Axillary	Lymphoma Malignant	
Note: LYMPH MAL TGLs = 6-13			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 449

TRT#: 7

SEX: Male

DAY ON TEST: 711

DOSE: 0.03

DISP: Moribund

HISTO: 252027

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Fibroadenoma	
		Galactocele	
Note: GALACTOCELE	TGLs = 7-14		
Note: FIBROADENOMA	TGLs = 8-15		
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 2-8.3		
Skin		Basal Cell Adenoma	Multiple
	Subcut Tiss	Edema	Moderate
Note: EDEMA	TGLs = 1-10		
Note: BASAL CEL ADEN	TGLs = 17,18-16+17		
Spleen		Hematopoietic Cell Proliferation	Moderate
		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 5-3		
Stomach		Ulcer	Moderate
Testes		Adenoma	
Note: ADENOMA	TGLs = 3-8+8.1		
FORESTOMACH			
BILATERAL INTERSTITIAL CELL			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 450

TRT#: 7

SEX: Male

DAY ON TEST: 694

DOSE: 0.03

DISP: Moribund

HISTO: 252028

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	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tissue NOS	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Hepatocellular Carcinoma	Metastatic (Liver)
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 9-5			
Liver	Centrilobular	Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 14-3.1		Necrosis	Coagulative, Marked
Note: NECROSIS TGLs = 12,13-3.1			
Lung		Alveolar/Bronchiolar Adenoma	
Note: HEPATOCLR CARC TGLs = 7-4+4.1		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mesenteric	Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 10-7			
Mesentery	Fat	Necrosis	Focal, Moderate
Note: NECROSIS TGLs = 5-14			
Seminal Vesicle		Atrophy	Mild
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 1-13			
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-8+8.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 450

TRT#: 7

SEX: Male

DAY ON TEST: 694

DOSE: 0.03

DISP: Moribund

HISTO: 252028

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Epithel Cell	Hyperplasia	Mild
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Tissue NOS

Note: VENA CAVA LESION NOT PRESENT IN SECTION.

Zymbal's Gland

Carcinoma

Note: CARCINOMA TGLs = 11-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 88	TRT#: 2	SEX: Female	DAY ON TEST: 431
	DOSE: CONTROL	DISP: Dead	HISTO: 251666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Zymbal's Gland

OBSERVATIONS

Liver	Centrilobular	Necrosis	Coagulative, Mild
Note: NECROSIS	TGLs = 1-3.1		
Pituitary Gland		Hemorrhage	Moderate
Skin	Subcut Tiss	Sarcoma	
Note: SUBCUTANEOUS MASS COMPATIBLE WITH CHORDOMA.			
Note: SARCOMA	TGLs = 2-13		
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 3-3		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 92

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain Note: COMPRESSION TGLs = 2-1	Brain Stem	Compression	Mild
Clitoral Gland Note: HYPERPLASIA TGLs = 1-8		Hyperplasia	Glandular, Focal, Moderate
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Multifocal, Minimal
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Mammary Gland Note: FIBROADENOMA TGLs = 4-13	Duct	Ectasia	Mild
		Fibroadenoma	
Pituitary Gland Note: ADENOMA TGLs = 3-2	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 93	TRT#: 2	SEX: Female	DAY ON TEST: 733
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 251671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Clitoral Gland

OBSERVATIONS

Brain [Compression TGLS = 2-1]	Brain Stem	Compression	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Multifocal, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland [Adenoma TGLS = 1-2]	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 94	TRT#: 2	SEX: Female	DAY ON TEST: 733
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 251672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Brain	Brain Stem	Compression	Mild
Note: COMPRESSION TGLs = 4-1			
Clitoral Gland		Adenoma	
Islets, Pancreatic		Adenoma	
Note: ADENOMA TGLs = 3-6			
Kidney		Nephropathy	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-13			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-2]			
Thyroid Gland	C Cell	Adenoma	
Uterus	Cervix	Cyst	
Note: CYST TGLs = 2-8.1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 95

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Clitoral Gland		Adenoma	
		Hyperplasia	Glandular, Focal, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 4-14		
Mesentery	Fat	Necrosis	Focal, Moderate
Note: NECROSIS	TGLs = 2-13		
Nose		Fungus	Mild
		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-2]			
Uterus		Sarcoma Stromal	
Note: SARC STROMAL	TGLs = 1-8.1		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 96

TRT#: 2

SEX: Female

DAY ON TEST: 589

DOSE: CONTROL

DISP: Dead

HISTO: 251674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Mammary Gland	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus
Zymbal's Gland			

MISSING

Thymus

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-3.1		
Note: ANOM HEPAT LOB	TGLs = 10-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-6		
Nose		Fungus	Marked
		Inflammation	Suppurative, Moderate
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8,9-3]			
Thyroid Gland	C Cell	Carcinoma	
Note: [CARCINOMA]	TGLs = 3-2		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 96

TRT#: 2

SEX: Female

DAY ON TEST: 589

DOSE: CONTROL

DISP: Dead

HISTO: 251674

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 97

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Skin
Thyroid Gland
Zymbal's Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

MISSING

Clitoral Gland

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Mixed Cell Focus
Infiltration Cellular
Fibroadenoma

Mild
Minimal
Minimal
Histiocyte, Minimal

Lung
Mammary Gland
Note: FIBROADENOMA TGLs = 1-13

Thymus Epithel Cell

Hyperplasia Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 98

TRT#: 2

SEX: Female

DAY ON TEST: 505

DOSE: CONTROL

DISP: Dead

HISTO: 251676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Skin
Thymus
Uterus

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Pancreas
Spleen
Thyroid Gland
Zymbal's Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Kidney
Liver
 Note: ANOM HEPAT LOB TGLs = 3-3.1
Lung
 Note: CONGESTION TGLs = 5-4+4.1
Lymph Node
 Note: HEMORRHAGE TGLs = 4-9-13
 [Hemorrhage TGLS = 1-9]
Pituitary Gland

Alveolar Epith
Mandibular
Mediastinal

Nephropathy
Hepatodiaphragmatic Nodule
Congestion
Hyperplasia
Congestion
Hemorrhage
Cyst

Minimal
Moderate
Focal, Mild
Moderate
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 99

TRT#: 2

SEX: Female

DAY ON TEST: 715

DOSE: CONTROL

DISP: Moribund

HISTO: 251677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Salivary Glands
Stomach - Glandular
Zymbal's Gland

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

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Spleen
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Uterus

OBSERVATIONS

Kidney
Liver
Lung
Mammary Gland
Note: FIBROADENOMA TGLs = 2-13
Pituitary Gland
Note: ADENOMA TGLs = 1-2
Thymus
Thyroid Gland

Pars Distalis
Epithel Cell
Follicular Cel

Nephropathy
Basophilic Focus
Infiltration Cellular
Fibroadenoma
Adenoma
Hyperplasia
Hyperplasia

Minimal
Mild
Histiocyte, Minimal
Mild
Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 100	TRT#: 2	SEX: Female	DAY ON TEST: 734
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 251678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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 - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Zymbal's Gland	

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-10		
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 101

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 251679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus
Zymbal's Gland			

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Multifocal, Minimal
		Mixed Cell Focus	Moderate
Note: [MIXED CL FOCUS] TGLs = 3-3.1			
Lymph Node	Mediastinal	Hemorrhage	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2-14			
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS TGLs = 1-13			
Pituitary Gland		Angiectasis	Moderate
		Cyst	
Note: CYST TGLs = 4-2			
Spleen		Leukemia Mononuclear	
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE I LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 102

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Brain [Compression TGLS = 4-1]	Brain Stem	Compression	Mild
Clitoral Gland		Adenoma	
Heart		Cardiomyopathy	Mild
Kidney Note: NEPHROPATHY TGLs = 3-5		Nephropathy	Moderate
Liver		Basophilic Focus	Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland Note: FIBROADENOMA TGLs = 1-13 Note: ECTASIA TGLs = 2-14	Duct	Ectasia Fibroadenoma	Moderate
Pituitary Gland [Adenoma TGLS = 5-2]	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 103

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular
Uterus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Skin
Thyroid Gland
Zymbal's Gland

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

MISSING

Thymus

OBSERVATIONS

Heart
Kidney
Liver
Lung

Alveolar Epith

Interstitialium

Fat

Cardiomyopathy
Nephropathy
Inflammation
Hyperplasia
Infiltration Cellular
Inflammation
Necrosis

Mild
Mild
Granulomatous, Multifocal, Minimal
Focal, Mild
Histiocyte, Minimal
Minimal
Focal, Moderate

Mesentery
Note: NECROSIS TGLs = 2-13

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 104

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Zymbal's Gland

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lung
Ovary
Skin
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Spleen
Urinary Bladder

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

OBSERVATIONS

Clitoral Gland
Note: HYPERPLASIA TGLs = 1-8
Kidney
Liver
Lymph Node
Pituitary Gland
[Hemorrhage TGLS = 2-2]
Thymus
Thyroid Gland

Mandibular

Epithel Cell
C Cell

Hyperplasia

Nephropathy
Basophilic Focus
Hyperplasia
Hemorrhage

Hyperplasia
Adenoma

Glandular, Focal, Mild

Mild
Mild
Plasma Cell, Mild
Moderate

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 105

TRT#: 2

SEX: Female

DAY ON TEST: 547

DOSE: CONTROL

DISP: Moribund

HISTO: 251683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Salivary Glands
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Skin
Thyroid Gland
Zymbal's Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Ovary
Spleen
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Kidney
Liver
Lung
Lymph Node
Pancreas
Pituitary Gland
 Note: ADENOMA TGLs = 1-2
Thymus

Mediastinal
Acinus
Pars Distalis
Epithel Cell

Nephropathy
Inflammation
Infiltration Cellular
Hemorrhage
Atrophy
Adenoma
Hyperplasia

Minimal
Granulomatous, Multifocal, Minimal
Histiocyte, Minimal
Mild
Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 106

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone	Sternum	Osteopetrosis	Marked
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 1-1]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
Lymph Node	Mediastinal	Hemorrhage	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-2]			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 3-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 107

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Salivary Glands
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Skin
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Ovary
Stomach - Forestomach
Uterus

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Glandular
Zymbal's Gland

OBSERVATIONS

Kidney
Liver

Nephropathy
Inflammation
Leukemia Mononuclear
Hyperplasia
Atrophy
Adenoma

Mild
Granulomatous, Multifocal, Mild

Lymph Node
Pancreas
Pituitary Gland
[Adenoma TGLS = 2-2]

Mandibular
Acinus
Pars Distalis

Leukemia Mononuclear

Plasma Cell, Mild
Minimal

Spleen
Note: LEUKEMIA MONUC TGLs = 1-3

Thymus
Thyroid Gland

Epithel Cell
C Cell

Hyperplasia
Hyperplasia

Mild
Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 108

TRT#: 2

SEX: Female

DAY ON TEST: 711

DOSE: CONTROL

DISP: Moribund

HISTO: 251686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 5-1]			
Clitoral Gland		Adenoma	
Note: ADENOMA TGLs = 1-8			
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Adenoma	
		Fibroadenoma	
Note: ADENOMA TGLs = 3-13			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6-2			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 109

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Zymbal's Gland			

OBSERVATIONS

Brain [Compression TGLS = 1-1]	Brain Stem	Compression	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Hepatodiaphragmatic Nodule	
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland Note: [FIBROADENOMA] TGLs = 3,4,5-13+14		Fibroadenoma	Multiple
Pituitary Gland [Adenoma TGLS = 2-2]	Pars Distalis	Adenoma	
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 110

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Clear Cell Focus	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 111

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Moribund

DAY ON TEST: 533
HISTO: 251689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Clitoral Gland	Heart	Intestine Large - Cecum
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
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1]			
Esophagus	Adventitia	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-2			
Intestine Large	Colon	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Note: INFILTRAT CELL TGLs = 3-4+4.1			
Note: LEUKEMIA MONUC TGLs = 3-4+4.1			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-6			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 111	TRT#: 2 DOSE: CONTROL	SEX: Female DISP: Moribund	DAY ON TEST: 533 HISTO: 251689
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ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Inflammation	Suppurative, Mild
Ovary		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-3		
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 112

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Eye		Cataract	Moderate
Note: CATARACT	TGLs = 3-14		
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-5		
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-13		
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-2]			
Thymus	Epithel Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 5-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 113

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 251691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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 - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Zymbal's Gland	

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-13			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 114

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Salivary Glands
Stomach - Glandular
Uterus

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Skin
Thymus
Zymbal's Gland

Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Spleen
Trachea

MISSING

Bone Marrow

Parathyroid Gland

OBSERVATIONS

Clitoral Gland
Note: CARCINOMA TGLs = 1-8.1
Kidney
Liver
Lung
Ovary
Note: CYST TGLs = 2-8
Pituitary Gland
[Cyst TGLS = 3-2]
Thyroid Gland

Alveolar Epith
Periovarn Tiss

C Cell

Carcinoma

Nephropathy
Basophilic Focus
Hyperplasia
Cyst

Cyst

Carcinoma

Mild
Minimal
Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 115

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Moribund

DAY ON TEST: 641
HISTO: 251693

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	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Uterus	Zymbal's Gland		

MISSING

Mammary Gland	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Pheochromocytoma Benign	
Note: ANGIECTASIS	TGLs = 3-2		
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-8		
Heart	Atrium	Thrombosis	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Minimal
		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB	TGLs = 4-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hemorrhage	Mild
Pituitary Gland		Cyst	
Skin	Subcut Tiss	Inflammation	Acute, Moderate
Note: INFLAMMATION	TGLs = 6-13		
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA	TGLs = 7-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 116

TRT#: 2

SEX: Female

DAY ON TEST: 683

DOSE: CONTROL

DISP: Moribund

HISTO: 251694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Diffuse, Moderate
Intestine Small	Ileum	Parasite Metazoan	Mild
Kidney	Transit Epithe	Carcinoma	
		Nephropathy	Minimal
Note: CARCINOMA TGLs = 5-5			
Liver		Basophilic Focus	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3.1			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 6-13			
Pancreas	Acinus	Atrophy	Mild
Salivary Glands		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 117

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Moribund

DAY ON TEST: 663
HISTO: 251695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-8		
Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9,10-3.1		
Note: LEUKEMIA MONUC	TGLs = 9,10-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-7		
Ovary		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
Pituitary Gland		Cyst	
Note: CYST	TGLs = 8-2		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4,5,6,7-3		
Stomach	Glandular	Leukemia Mononuclear	
Uterus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 117

TRT#: 2

SEX: Female

DAY ON TEST: 663

DOSE: CONTROL

DISP: Moribund

HISTO: 251695

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 118

TRT#: 2

SEX: Female

DAY ON TEST: 562

DOSE: CONTROL

DISP: Moribund

HISTO: 251696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Skin
Thymus
Zymbal's Gland

OBSERVATIONS

Bone
Brain
 Note: COMPRESSION TGLs = 3-1
Kidney
Liver

 [Inflammation TGLS = 2-3.1]
Lung
Lymph Node

Pancreas
Pituitary Gland
 [Adenoma TGLS = 4-2]
Uterus
 Note: POLYP STROMAL TGLs = 1-8

Sternum
Brain Stem

Mandibular, Sinus
Mediastinal
Mandibular
Acinus
Pars Distalis

Osteopetrosis
Compression

Nephropathy
Basophilic Focus
Hepatodiaphragmatic Nodule
Inflammation

Infiltration Cellular
Ectasia
Hemorrhage
Hyperplasia
Atrophy
Adenoma

Polyp Stromal

Moderate
Moderate

Moderate
Mild

Granulomatous, Multifocal, Minimal

Histiocyte, Minimal
Mild
Mild
Plasma Cell, Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 119	TRT#: 2	SEX: Female	DAY ON TEST: 734
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 251697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Reticulum Cell, Multifocal, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Multifocal, Minimal
Pituitary Gland		Cyst	
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	
Uterus		Hydrometra	Mild

Note: HYDROMETRA TGLs = 1-8

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 120

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Zymbal's Gland

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lung
Ovary
Skin
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Spleen
Trachea

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

MISSING

Thymus

OBSERVATIONS

Clitoral Gland
Kidney
Liver

Lymph Node

Pituitary Gland
Note: ANGIOECTASIS TGLs = 2-2
Uterus
Note: CYST TGLs = 1-8

Mandibular, Sinus
Mediastinal
Mandibular

Endometrium

Adenoma
Nephropathy
Basophilic Focus
Inflammation
Ectasia
Hemorrhage
Hyperplasia
Angiectasis

Mild
Mild
Granulomatous, Multifocal, Minimal
Mild
Mild
Plasma Cell, Mild
Mild

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 121

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 251699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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 - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Zymbal's Gland		

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Minimal
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Multifocal, Mild
Note: ANOM HEPAT LOB TGLs = 2-3.1			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Cyst TGLS = 3-2]			
Spleen		Inflammation	Granulomatous, Marked
Note: [INFLAMMATION] TGLs = 1-3			
Thymus		Thymoma Benign	
Note: THYMOMA BGN TGLs = 4-9			

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 122

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lung
Pancreas
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Glandular
Zymbal's Gland

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Skin
Thyroid Gland

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Clitoral Gland
Kidney
Liver

Bile Duct

Mammary Gland

Note: FIBROADENOMA TGLs = 3,4-14+15

Pituitary Gland

[Angiectasis TGLS = 2-2]

Salivary Glands

Note: [SCHWANNOMA MAL] TGLs = 5-9.1

Thymus

Uterus

Epithel Cell

Cervix

Cervix

Note: INFLAMMATION TGLs = 1-13

Note: CYST TGLs = 1-13

Hyperplasia
Nephropathy
Basophilic Focus
Hyperplasia
Inflammation
Fibroadenoma

Angiectasis

Schwannoma Malignant

Hyperplasia

Cyst

Inflammation

Squamous, Focal, Mild
Minimal
Minimal
Mild
Granulomatous, Multifocal, Minimal
Multiple

Mild

Mild

Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 123

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone Marrow

Brain

Esophagus

Heart

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lymph Node - Mandibular

Lymph Node - Mesenteric

Mammary Gland

Nose

Ovary

Parathyroid Gland

Pituitary Gland

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Trachea

Urinary Bladder

Zymbal's Gland

MISSING

Thymus

OBSERVATIONS

Clitoral Gland

Hyperplasia

Glandular, Focal, Mild

Intestine Large

Artery, Cecum

Inflammation

Chronic, Mild

Kidney

Nephropathy

Mild

Liver

Basophilic Focus

Mild

Lung

Alveolar Epith

Inflammation

Granulomatous, Multifocal, Minimal

Pancreas

Acinus

Hyperplasia

Focal, Mild

Thyroid Gland

C Cell

Atrophy

Mild

Note: [CARCINOMA] TGLs = 2-2

Carcinoma

Uterus

Polyp Stromal

Note: POLYP STROMAL TGLs = 1-8.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 124

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Kidney		Nephropathy	Mild
Liver		Angiectasis	Mild
		Basophilic Focus	Mild
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Multifocal, Minimal
Note: ANOM HEPAT LOB TGLs = 2-3.1 [Hepatodiaphragmatic Nodule TGLS = 3-3.2]			
Pituitary Gland		Angiectasis	Mild
		Cyst	
[Angiectasis TGLS = 4-2]			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 125

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 251703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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 - Mesenteric	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus	Zymbal's Gland		

OBSERVATIONS

Brain [Compression TGLS = 3-1]	Brain Stem	Compression	Moderate
Clitoral Gland Note: CARCINOMA TGLs = 1-8.1		Carcinoma	
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Multifocal, Mild
Lymph Node	Mandibular	Hemorrhage	Mild
Mammary Gland	Duct	Ectasia	Mild
Mesentery Note: NECROSIS TGLs = 5-13	Fat	Necrosis	Focal, Moderate
Ovary Note: CYST TGLs = 2-8	Periovarn Tiss	Cyst	
Pituitary Gland [Adenoma TGLS = 4-2]	Pars Distalis	Adenoma	
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 126

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Skin
Thyroid Gland
Zymbal's Gland

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

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Pancreas
Stomach - Forestomach
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Glandular
Uterus

MISSING

Lymph Node - Mandibular

Salivary Glands

OBSERVATIONS

Bone
Kidney
Liver

Sternum

Osteopetrosis
Nephropathy
Basophilic Focus
Fatty Change
Inflammation

Moderate
Moderate
Minimal
Focal, Minimal
Granulomatous, Multifocal, Minimal

[Inflammation TGLS = 3-3.1]

Mammary Gland

Duct

Ectasia
Fibroadenoma

Mild

Note: FIBROADENOMA TGLs = 4-13

Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 1-2]

Thymus

Epithel Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 127

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Skin
Thyroid Gland
Zymbal's Gland

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

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Heart
Kidney
 Note: NEPHROPATHY TGLs = 1-5
Liver
Mammary Gland
Pituitary Gland
 Note: [ADENOMA] TGLs = 2,3-2

Cardiomyopathy
Nephropathy

Basophilic Focus
Ectasia
Adenoma

Minimal
Moderate

Minimal
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 128

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 251706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Zymbal's Gland		

OBSERVATIONS

Brain Note: COMPRESSION TGLs = 2-1	Brain Stem	Compression	Minimal
Eye Note: CATARACT TGLs = 1-13	Retina	Cataract Degeneration	Mild Moderate
Kidney		Nephropathy	Mild
Liver		Inflammation	Granulomatous, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland [Adenoma TGLS = 3-2]	Pars Distalis	Adenoma	
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 129

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Moribund

DAY ON TEST: 524
HISTO: 251707

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	Lymph Node - Mandibular
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Thyroid Gland	Urinary Bladder
Uterus	Zymbal's Gland		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Medulla	Hyperplasia	Multifocal, Marked
	Cortex	Necrosis	Multifocal, Moderate
Note: ANGIECTASIS TGLs = 2-2 [Necrosis TGLS = 2-2]			
Heart		Cardiomyopathy	Mild
		Mineralization	Mild
		Nephropathy	Marked
Kidney			
Note: NEPHROPATHY TGLs = 3-5			
Liver		Necrosis	Coagulative, Multifocal, Moderate
Note: NECROSIS TGLs = 8-3.1			
Lung	Alveolus, Peribronchiolr	Inflammation	Acute, Moderate
	Bronchiole	Inflammation	Acute, Moderate
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mesenteric	Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 4-7			
Mammary Gland	Duct	Ectasia	Marked
Note: ECTASIA TGLs = 1-10			
Nose		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 129

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Moribund

DAY ON TEST: 524
HISTO: 251707

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Hyperplasia	Marked
	Forestomach	Inflammation	Chronic, Moderate
	Glandular	Mineralization	Mild
Note: INFLAMMATION	TGLs = 5-6		
Note: HYPERPLASIA	TGLs = 5-6		
Trachea		Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 7-2		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 130

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Thymus
Zymbal's Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Ovary
Skin
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Stomach - Forestomach
Trachea

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Hyperplasia
Leukemia Mononuclear
Ectasia
Angiectasis

Minimal
Minimal
Mild
Mild
Moderate

Bile Duct

Lymph Node
Pituitary Gland

Mandibular, Sinus

[Angiectasis TGLS = 3-2]

Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 2-3]

Uterus

Polyp Stromal

Note: POLYP STROMAL TGLs = 1-8

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 131

TRT#: 2

SEX: Female

DAY ON TEST: 587

DOSE: CONTROL

DISP: Dead

HISTO: 251709

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
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Zymbal's Gland

MISSING

Brain	Thymus
-------	--------

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-2		
Heart		Cardiomyopathy	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Nose		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2]			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-3		

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 132

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Multifocal, Mild
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 2-1]			
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
	Periportal	Fatty Change	Minimal
		Inflammation	Granulomatous, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-2]			
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-13			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 133

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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 - Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Multifocal, Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Angiectasis	Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 2-13		
Uterus		Hydrometra	Moderate
Note: HYDROMETRA	TGLs = 1-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 134

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Kidney
Pancreas
Skin
Thyroid Gland
Zymbal's Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Stomach - Glandular
Uterus

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland
Clitoral Gland
Liver

Cortex
Duct

Angiectasis
Ectasia
Basophilic Focus
Hepatodiaphragmatic Nodule

Mild
Moderate
Minimal

Note: ANOM HEPAT LOB TGLs = 3-3.1

Lung
Mammary Gland

Note: FIBROADENOMA TGLs = 1-13

Thymus

Epithel Cell

Infiltration Cellular
Fibroadenoma

Hyperplasia

Histiocyte, Minimal

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 135

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Moribund

DAY ON TEST: 715
HISTO: 251713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Focal, Moderate
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-8.1		
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Minimal
Lymph Node	Iliac	Hyperplasia	Plasma Cell, Moderate
	Inguinal	Hyperplasia	Plasma Cell, Moderate
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA	TGLs = 3-14		
Note: HYPERPLASIA	TGLs = 2-13		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 4-15		
Pituitary Gland		Cyst	
Note: CYST	TGLs = 5-2		
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 136

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Glandular
Zymbal's Gland

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Spleen
Urinary Bladder

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Stomach - Forestomach
Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Eye
Note: CATARACT TGLs = 2-14
Heart
Kidney
Liver
Lymph Node
Skin
Note: FIBROMA TGLs = 1-13
Thymus
Thyroid Gland

Retina
Mediastinal
Subcut Tiss
Epithel Cell
C Cell

Cataract
Degeneration
Cardiomyopathy
Nephropathy
Basophilic Focus
Inflammation
Hemorrhage
Fibroma
Hyperplasia
Adenoma
Moderate
Moderate
Minimal
Mild
Minimal
Granulomatous, Multifocal, Minimal
Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 137

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Uterus	Zymbal's Gland		

OBSERVATIONS

Intestine Large	Rectum	Parasite Metazoan	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Multifocal, Minimal
[Inflammation TGLS = 3-3.1]			
Lung		Alveolar/Bronchiolar Adenoma	
		Carcinoma	Metastatic (Uncertain Primary Site)
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2-13			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-2]			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 1-2.1]			
Urinary Bladder		Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 138

TRT#: 2
DOSE: CONTROL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 251716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pituitary Gland		Cyst	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-5		
Urinary Bladder		Leukemia Mononuclear	
Zymbal's Gland		Ectasia	Marked
		Hyperplasia	Glandular, Focal, Moderate
Note: ECTASIA	TGLs = 4-10		

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 139 TRT#: 2 SEX: Female DAY ON TEST: 734
DOSE: CONTROL DISP: Terminal Sacrifice HISTO: 251717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Zymbal's Gland

MISSING

Lymph Node - Mandibular Salivary Glands

OBSERVATIONS

Adrenal Gland	Medulla	Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Multifocal, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3.1			
Lymph Node	Mesenteric	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-3			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 140

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Zymbal's Gland

MISSING

Thymus

OBSERVATIONS

Brain [Compression TGLS = 7-1]	Brain Stem	Compression	Mild
Clitoral Gland Note: ADENOMA TGLs = 2-8		Adenoma	
Kidney		Nephropathy	Mild
Liver [Leukemia Mononuclear TGLS = 9,10-3.1+3.2]		Basophilic Focus	Mild
		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mandibular	Leukemia Mononuclear	
Mammary Gland Note: FIBROADENOMA TGLs = 3,4-14+15		Fibroadenoma	Multiple
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland [Adenoma TGLS = 8-2]	Pars Distalis	Adenoma	
Skin Note: LIPOMA TGLs = 1-13	Subcut Tiss	Lipoma	
Spleen [Leukemia Mononuclear TGLS = 5,6-3]		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 140

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 251718

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 196

TRT#: 4

SEX: Female

DAY ON TEST: 658

DOSE: 0.015

DISP: Moribund

HISTO: 251774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	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	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Zymbal's Gland		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Multifocal, Mild
Brain		Hemorrhage	Minimal
Intestine Large	Colon	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Note: LEUKEMIA MONUC	TGLs = 5-5		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4,7-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-13		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 6-14		
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Cyst	
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 196

TRT#: 4

SEX: Female

DAY ON TEST: 658

DOSE: 0.015

DISP: Moribund

HISTO: 251774

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 2-3

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 197

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251775

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	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Focal, Minimal
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-8.1		
Eye		Cataract	Mild
Note: CATARACT	TGLs = 3-13		
Heart		Cardiomyopathy	Mild
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Multifocal, Minimal
Note: BASOPH FOCUS	TGLs = 5,6-3.1		
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland	Duct	Ectasia	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Note: HYPERPLASIA	TGLs = 4-2		
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 2-3		
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 198

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0.015

DISP: Dead

HISTO: 251776

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

Lymph Node - Mandibular

Lymph Node - Mesenteric

Mammary Gland

Nose

Ovary

Pancreas

Parathyroid Gland

Pituitary Gland

Salivary Glands

Skin

Stomach - Forestomach

Stomach - Glandular

Thymus

Thyroid Gland

Trachea

Urinary Bladder

Zymbal's Gland

OBSERVATIONS

Adrenal Gland

Cortex

Necrosis

Multifocal, Mild

Cortex

Vacuolization Cytoplasmic

Multifocal, Mild

Bone

Sternum

Osteopetrosis

Moderate

Heart

Atrium

Thrombosis

Moderate

Kidney

Nephropathy

Mild

Liver

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 2-3.1

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 3-3

Uterus

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 199

TRT#: 4

SEX: Female

DAY ON TEST: 607

DOSE: 0.015

DISP: Moribund

HISTO: 251777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone	Sternum	Osteopetrosis	Mild
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 2-8.1		
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5,6-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-3		
Uterus		Polyp Stromal	Multiple
Note: POLYP STROMAL	TGLs = 3,4-8		

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 200

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-1]			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Mixed Cell Focus	Mild
Note: MIXED CL FOCUS TGLs = 4-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 1,2-13+14			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-2]			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Carcinoma	
Note: CARCINOMA TGLs = 3-2.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 201

TRT#: 4

SEX: Female

DAY ON TEST: 538

DOSE: 0.015

DISP: Moribund

HISTO: 251779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Kidney
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Parathyroid Gland	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Focal, Minimal
Bone		Carcinoma	Metastatic (Clitoral Gland)
Note: CARCINOMA	TGLs = 8-14		
Clitoral Gland		Adenoma	
		Carcinoma	
Note: CARCINOMA	TGLs = 1-8.1		
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
Note: BASOPH FOCUS	TGLs = 9-3.1		
Note: EOSIN FOCUS	TGLs = 9-3.1		
Lung		Carcinoma	Metastatic (Clitoral Gland)
		Edema	Moderate
	Alveolar Epith	Hyperplasia	Focal, Mild
Note: [CARCINOMA]	TGLs = 6,7-4+4.1		
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA	TGLs = 4-13		
Note: HEMORRHAGE	TGLs = 4-13		
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 201	TRT#: 4 DOSE: 0.015	SEX: Female DISP: Moribund	DAY ON TEST: 538 HISTO: 251779
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: CYST	TGLs = 10-2			
Salivary Glands		Acinus	Atrophy	Mild
Skin		Hair Follicle	Hyperplasia	Basal Cell, Focal, Minimal
Spleen			Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 3-3			
Thymus		Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 202

TRT#: 4

SEX: Female

DAY ON TEST: 638

DOSE: 0.015

DISP: Moribund

HISTO: 251780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 3-1]			
Clitoral Gland		Adenoma	
Kidney		Nephropathy	Moderate
Liver	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Mild
Note: MIXED CL FOCUS TGLs = 4-3.1			
Mammary Gland	Duct	Ectasia	Mild
Note: ECTASIA TGLs = 1-10			
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 203

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Clitoral Gland		Adenoma	
Kidney	Interstit Tiss	Fibrosis	Focal, Mild
	Interstit Tiss	Inflammation	Moderate
		Nephropathy	Minimal
Note: FIBROSIS	TGLs = 5-5		
Note: INFLAMMATION	TGLs = 6-5		
Liver		Basophilic Focus	Moderate
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
		Mixed Cell Focus	Moderate
Note: MIXED CL FOCUS	TGLs = 7,8,9-3.1+3.2		
Note: DEGEN	TGLs = 7-3.1+3.2		
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA	TGLs = 1,2,3-13+14+15		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 10-2		
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 203

TRT#: 4
DOSE: 0.015

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 251781

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Hemorrhage
Hydrometra

Moderate
Mild

Note: HEMORRHAGE TGLs = 11-16

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 204

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Bone	Cranium	Fibrous Osteodystrophy	Moderate
	Sternum	Fibrous Osteodystrophy	Mild
Brain	Brain Stem	Compression	Mild
Note: COMPRESSION TGLs = 6-1			
Clitoral Gland	Bilateral	Adenoma	
Note: ADENOMA TGLs = 2,3-8.1			
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 5-5			
Liver		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-2]			
Skin		Basal Cell Adenoma	Multiple
Note: BASAL CEL ADEN TGLs = 1,8-13+14			
Tongue		Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 9-15			
Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 204

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251782

ORGAN AND ACCOUNTABLE SITE STATUS

Note: POLYP STROMAL TGLs = 4-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 205

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 2-14		
Eye		Cataract	Moderate
Note: CATARACT	TGLs = 4-16		
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-3.1]			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA	TGLs = 1,3-13+15		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 206 TRT#: 4 SEX: Female DAY ON TEST: 582
DOSE: 0.015 DISP: Moribund HISTO: 251784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland Note: ATROPHY TGLs = 3-2	Cortex	Atrophy	Marked
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland Note: ADENOCARC TGLs = 2-10		Adenocarcinoma	
Pituitary Gland		Cyst	
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 207

TRT#: 4

SEX: Female

DAY ON TEST: 567

DOSE: 0.015

DISP: Dead

HISTO: 251785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Pancreas
Skin
Thymus
Zymbal's Gland

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

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

OBSERVATIONS

Clitoral Gland
Kidney
Liver

Lung

Note: CONGESTION TGLs = 2-4+4.1
Lymph Node
Note: ECTASIA TGLs = 1-9
Tongue
Note: SQ CL PAPILOM TGLs = 3-13
Uterus
Note: POLYP STROMAL TGLs = 4-8

Duct

Mandibular, Sinus

Ectasia
Nephropathy
Basophilic Focus
Eosinophilic Focus
Congestion
Infiltration Cellular

Ectasia

Squamous Cell Papilloma

Polyp Stromal

Moderate
Minimal
Minimal
Minimal
Mild
Histiocyte, Minimal

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 208

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Marked
		Leukemia Mononuclear	
Note: [EOSIN FOCUS] TGLs = 4,5-3.1			
Note: LEUKEMIA MONUC TGLs = 4-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hemorrhage	Mild
	Mediastinal	Hemorrhage	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6-2			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-3			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Adenoma	
Uterus	Cervix	Cyst	
	Endometrium	Cyst	
Note: CYST TGLs = 2-8			
Note: CYST TGLs = 3-13			

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 208

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251786

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 209

TRT#: 4

SEX: Female

DAY ON TEST: 663

DOSE: 0.015

DISP: Moribund

HISTO: 251787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Multifocal, Mild
	Cortex	Necrosis	Focal, Minimal
Bone Marrow		Myelofibrosis	Moderate
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-8		
Heart	Atrium	Thrombosis	Moderate
Intestine Large	Cecum	Edema	Moderate
Note: EDEMA	TGLs = 4-7		
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Moderate
		Eosinophilic Focus	Moderate
	Centrilobular	Fatty Change	Mild
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular	Necrosis	Coagulative, Mild
Note: NECROSIS	TGLs = 11-3.1		
Lung	Alveolar Epith	Hyperplasia	Multifocal, Mild
		Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL	TGLs = 10-4		
Lymph Node	Mesenteric	Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 3-7		
Mammary Gland		Adenoma	
	Duct	Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 209

TRT#: 4

SEX: Female

DAY ON TEST: 663

DOSE: 0.015

DISP: Moribund

HISTO: 251787

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FIBROADENOMA TGLs = 2-13		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 7-2			
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN TGLs = 12-14			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 5-3			
Thymus	Epithel Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 210

TRT#: 4

DOSE: 0.015

SEX: Female

DISP: Moribund

DAY ON TEST: 677

HISTO: 251788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Clitoral Gland		Adenoma	
		Carcinoma	
Note: CARCINOMA	TGLs = 1-8.1		
Kidney		Nephropathy	Mild
Liver		Degeneration	Cystic, Moderate
		Eosinophilic Focus	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3.1		
Note: DEGEN	TGLs = 4-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland		Cyst	
Note: CYST	TGLs = 3-2		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-3		
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 211	TRT#: 4 DOSE: 0.015	SEX: Female DISP: Dead	DAY ON TEST: 500 HISTO: 251789
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Zymbal's Gland		

OBSERVATIONS

Heart	Atrium	Dilatation	Marked
Kidney		Nephropathy	Minimal
Lung		Congestion	Moderate
		Hemorrhage	Mild
Mammary Gland		Adenoacanthoma	
Note: [ADENOACANTHOMA] TGLs = 1-13			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 212

TRT#: 4

DOSE: 0.015

SEX: Female

DISP: Moribund

DAY ON TEST: 411

HISTO: 251790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Heart

Intestine Small - Duodenum

Lymph Node - Mesenteric

Pituitary Gland

Stomach - Glandular

Urinary Bladder

Bone Marrow

Intestine Large - Cecum

Intestine Small - Ileum

Mammary Gland

Salivary Glands

Thymus

Uterus

Brain

Intestine Large - Colon

Intestine Small - Jejunum

Pancreas

Skin

Thyroid Gland

Esophagus

Intestine Large - Rectum

Islets, Pancreatic

Parathyroid Gland

Stomach - Forestomach

Trachea

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Clitoral Gland

Carcinoma

Note: CARCINOMA TGLs = 3-8.1

Kidney

Nephropathy

Minimal

Liver

Basophilic Focus

Minimal

Hematopoietic Cell Proliferation

Minimal

Lung

Infiltration Cellular

Histiocyte, Minimal

Lymph Node

Mandibular, Sinus

Ectasia

Marked

Mandibular

Hemorrhage

Mild

Mandibular

Hyperplasia

Plasma Cell, Mild

Note: ECTASIA TGLs = 1,2-9

Note: HEMORRHAGE TGLs = 1,2-9

Note: HYPERPLASIA TGLs = 1,2-9

Nose

Hemorrhage

Mild

Ovary

Interstitium

Cyst

Spleen

Hematopoietic Cell Proliferation

Marked

Note: HEMA CELL PROL TGLs = 4-3

Zymbal's Gland

Carcinoma

Note: CARCINOMA TGLs = 6-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 213

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Brain	Brain Stem	Compression	Mild
Note: COMPRESSION TGLs = 8-1			
Clitoral Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-8.1			
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Mixed Cell Focus	Mild
Note: MIXED CL FOCUS TGLs = 6,7-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 9-2			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	Follicle	Cyst	
	Follicular Cel	Hyperplasia	Focal, Minimal
Uterus		Polyp Stromal	Multiple
		Sarcoma Stromal	
Note: SARC STROMAL TGLs = 5-8.4			
Note: POLYP STROMAL TGLs = 3,4-8.2+8.3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 214

TRT#: 4

SEX: Female

DAY ON TEST: 708

DOSE: 0.015

DISP: Dead

HISTO: 251792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-1]			
Clitoral Gland	Duct	Ectasia	Moderate
Note: ECTASIA	TGLs = 1-8		
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-3		
Thymus	Epithel Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 2-8+8.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 214

TRT#: 4

SEX: Female

DAY ON TEST: 708

DOSE: 0.015

DISP: Dead

HISTO: 251792

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 215

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Heart
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Nose
Salivary Glands
Thymus
Uterus

Brain
Intestine Large - Colon
Islets, Pancreatic
Ovary
Skin
Thyroid Gland
Zymbal's Gland

Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Stomach - Forestomach
Trachea

OBSERVATIONS

Adrenal Gland
Clitoral Gland
Intestine Large
Kidney
Liver

Cortex

Rectum

Bile Duct

Vacuolization Cytoplasmic
Hyperplasia
Parasite Metazoan
Nephropathy
Basophilic Focus
Hepatodiaphragmatic Nodule
Hyperplasia
Leukemia Mononuclear
Mixed Cell Focus

Focal, Mild
Glandular, Focal, Mild
Minimal
Mild
Mild
Mild
Mild
Mild

Note: ANOM HEPAT LOB TGLs = 2-3.1

Note: MIXED CL FOCUS TGLs = 3-3.1

Lung
Mammary Gland

Note: FIBROADENOMA TGLs = 1-13

Pituitary Gland
Spleen

Infiltration Cellular
Fibroadenoma

Histiocyte, Minimal

Cyst
Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 216

TRT#: 4

SEX: Female

DAY ON TEST: 665

DOSE: 0.015

DISP: Dead

HISTO: 251794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Salivary Glands
Thyroid Gland

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

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

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Pituitary Gland
Stomach - Glandular
Zymbal's Gland

OBSERVATIONS

Kidney
Liver

Nephropathy
Degeneration
Leukemia Mononuclear

Mild
Cystic, Mild

[Leukemia Mononuclear TGLS = 4-3.1]

Lung

Alveolar/Bronchiolar Adenoma
Infiltration Cellular
Leukemia Mononuclear
Hemorrhage
Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear

Histiocyte, Minimal

Lymph Node

Mediastinal
Mandibular
Mediastinal
Mesenteric

Leukemia Mononuclear

Moderate

Note: LEUKEMIA MONUC TGLs = 3-13

Note: HEMORRHAGE TGLs = 3-13

Note: LEUKEMIA MONUC TGLs = 5-7

Spleen

[Leukemia Mononuclear TGLS = 2-3]

Thymus

Epithel Cell

Hyperplasia

Mild

Uterus

Sarcoma Stromal

Note: SARC STROMAL TGLs = 1-8+8.1

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 217

TRT#: 4

DOSE: 0.015

SEX: Female

DISP: Moribund

DAY ON TEST: 614

HISTO: 251795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Small - Ileum
Mammary Gland
Parathyroid Gland
Thyroid Gland
Zymbal's Gland

Adrenal Gland - Medulla
Intestine Large - Cecum
Intestine Small - Jejunum
Nose
Salivary Glands
Trachea

Bone Marrow
Intestine Large - Colon
Islets, Pancreatic
Ovary
Stomach - Forestomach
Urinary Bladder

Brain
Intestine Small - Duodenum
Lymph Node - Mesenteric
Pancreas
Stomach - Glandular
Uterus

OBSERVATIONS

Clitoral Gland
Note: ADENOMA TGLs = 3-8
Heart
Note: INFLAMMATION TGLs = 7-3
Note: THROMBUS TGLs = 7-3
Intestine Large
Kidney
Liver
Note: ANOM HEPAT LOB TGLs = 5-3.1
Lung
Note: HEMORRHAGE TGLs = 9-4
Note: INFILTRAT CELL TGLs = 8-4+4.1
Lymph Node
Pituitary Gland
Skin
Note: BASAL CEL CARC TGLs = 1-13
Spleen

Valve
Valve
Rectum
Mandibular

Adenoma
Inflammation
Thrombosis
Parasite Metazoan
Fibrosis
Basophilic Focus
Eosinophilic Focus
Hematopoietic Cell Proliferation
Hepatodiaphragmatic Nodule
Hemorrhage
Infiltration Cellular
Hyperplasia
Cyst
Basal Cell Carcinoma
Hematopoietic Cell Proliferation

Chronic Active, Marked
Marked
Mild
Focal, Moderate
Mild
Mild
Minimal
Minimal
Histocyte, Minimal
Plasma Cell, Moderate
Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 217

TRT#: 4
DOSE: 0.015

SEX: Female
DISP: Moribund

DAY ON TEST: 614
HISTO: 251795

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMA CELL PROL TGLs = 4-3

Thymus	Epithel Cell	Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 218

TRT#: 4

SEX: Female

DAY ON TEST: 662

DOSE: 0.015

DISP: Dead

HISTO: 251796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Zymbal's Gland	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Diffuse, Moderate
Intestine Large	Cecum	Inflammation	Acute, Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Degeneration	Cystic, Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC	TGLs = 5-13		
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 2-2]			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-3		
Stomach	Forestomach	Ulcer	Marked
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 219

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-8.1		
Kidney		Nephropathy	Mild
Liver		Angiectasis	Mild
		Eosinophilic Focus	Moderate
		Leukemia Mononuclear	
Note: [EOSIN FOCUS]	TGLs = 5-3.1		
Note: ANGIECTASIS	TGLs = 4-3.1		
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-13		
Pituitary Gland		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 3-2]			
Spleen		Leukemia Mononuclear	
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 220

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Salivary Glands
Thymus

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

Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Stomach - Forestomach
Trachea

Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland
Brain
 [Compression TGLS = 9-1]
Kidney
 Note: [ADENOCARC] TGLs = 12-5
Liver
 Note: NECROSIS TGLs = 7-3.1
 Note: LEUKEMIA MONUC TGLs = 6-3.1
Lung
Lymph Node
Mammary Gland
 Note: FIBROADENOMA TGLs = 1-13
Mesentery
 Note: INFLAMMATION TGLs = 11-7
Pituitary Gland
 [Adenoma TGLS = 10-2]

Medulla
Brain Stem

Renal Tubule

Bile Duct

Mandibular, Sinus

Pars Distalis

Pheochromocytoma Benign
Compression

Adenocarcinoma
Nephropathy

Basophilic Focus
Eosinophilic Focus
Hyperplasia
Leukemia Mononuclear
Necrosis

Infiltration Cellular
Ectasia
Fibroadenoma

Inflammation

Adenoma

Mild

Mild

Mild
Mild
Mild
Coagulative, Multifocal, Mild

Histiocyte, Minimal
Mild

Chronic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 220

TRT#: 4
DOSE: 0.015

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 251798

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
Uterus	Endometrium	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 3,4-8		
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 8-10		

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 221

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone	Sternum	Osteopetrosis	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Multifocal, Minimal
		Mixed Cell Focus	Mild
Note: MIXED CL FOCUS TGLs = 2-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland	Duct	Ectasia	Moderate
		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-13			
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
[Adenoma TGLS = 4-2]			
[Cyst TGLS = 4-2]			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 222

TRT#: 4

SEX: Female

DAY ON TEST: 715

DOSE: 0.015

DISP: Moribund

HISTO: 251800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Mild
Bone Marrow		Myelofibrosis	Mild
Clitoral Gland		Adenoma	
		Hyperplasia	Glandular, Focal, Mild
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Polyp Adenomatous	
Note: POLYP ADENOMAT TGLs = 6-7			
Kidney		Nephropathy	Mild
		Pigmentation	Moderate
Note: PIGMENT TGLs = 7-5			
Liver	Centrilobular	Leukemia Mononuclear	
		Necrosis	Coagulative, Mild
		Regeneration	Moderate
Note: REGENERATION TGLs = 10-3.1			
Note: NECROSIS TGLs = 9-3.1			
[Regeneration TGLS = 8-3.1]			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 11-2]			
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
Note: FIBROSIS TGLs = 5-3			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 222	TRT#: 4	SEX: Female	DAY ON TEST: 715
	DOSE: 0.015	DISP: Moribund	HISTO: 251800

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 4-3]

Thymus	Epithel Cell	Hyperplasia	Mild
Uterus	Endometrium	Cyst	
		Polyp Stromal	

Note: CYST TGLs = 3-8

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 223

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Bone	Sternum	Osteopetrosis	Mild
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-8		
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Hematocyst	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Multifocal, Minimal
Note: BASOPH FOCUS	TGLs = 5-3.1		
Note: HEMATOCYST	TGLs = 6-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 7-14		
Pancreas	Acinus	Atrophy	Mild
Pharynx		Squamous Cell Papilloma	
Note: SQ CL PAPILOM	TGLs = 4-12		
Pituitary Gland		Angiectasis	Mild
[Angiectasis TGLs = 3-2]			
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN	TGLs = 2-13		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 223

TRT#: 4
DOSE: 0.015

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 251801

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Epithel Cell	Hyperplasia	Mild
Tooth	Peridont Tiss	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 224

TRT#: 4

SEX: Female

DAY ON TEST: 462

DOSE: 0.015

DISP: Moribund

HISTO: 251802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Fatty Change	Mild
		Nephropathy	Mild
Liver	Centrilobular	Fatty Change	Minimal
Note: FATTY CHANGE	TGLs = 2-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL	TGLs = 4-4+4.1		
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: HEMORRHAGE	TGLs = 3-13		
Nose		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus	Epithel Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 5-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 225

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 0.015

DISP: Terminal Sacrifice

HISTO: 251803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Spleen
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Uterus

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Salivary Glands
Stomach - Glandular
Zymbal's Gland

OBSERVATIONS

Bone
Clitoral Gland
 Note: ADENOMA TGLs = 1-8
Kidney
Liver

Lung
Mammary Gland
 Note: FIBROADENOMA TGLs = 2-13
Pituitary Gland
 [Adenoma TGLS = 4-2]
Thymus
Thyroid Gland

Sternum

Bile Duct

Alveolar Epith

Pars Distalis

Epithel Cell
Follicular Cel

Osteopetrosis
Adenoma

Nephropathy
Basophilic Focus
Eosinophilic Focus
Hyperplasia
Mixed Cell Focus
Hyperplasia
Fibroadenoma

Adenoma

Hyperplasia
Carcinoma

Mild

Mild
Minimal
Minimal
Minimal
Minimal
Focal, Minimal

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 226

TRT#: 4

SEX: Female

DAY ON TEST: 641

DOSE: 0.015

DISP: Moribund

HISTO: 251804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Brain [Compression TGLS = 3-1]	Brain Stem	Compression	Moderate
Kidney		Nephropathy	Moderate
Liver		Angiectasis	Mild
		Basophilic Focus	Mild
	Centrilobular	Fatty Change	Mild
		Inflammation	Granulomatous, Multifocal, Mild
Note: [BASOPH FOCUS] TGLs = 2-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 5-13			
Pituitary Gland [Adenoma TGLS = 4-2]	Pars Distalis	Adenoma	
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 227

TRT#: 4

SEX: Female

DAY ON TEST: 658

DOSE: 0.015

DISP: Moribund

HISTO: 251805

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	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain	Brain Stem	Compression	Mild
		Hemorrhage	Minimal
		Leukemia Mononuclear	
Kidney		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
		Regeneration	Moderate
Note: REGENERATION	TGLs = 6-3.1		
Note: LEUKEMIA MONUC	TGLs = 7-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-3		
Note: LEUKEMIA MONUC	TGLs = 10-14		
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC	TGLs = 8-13		
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-2		
Note: ADENOMA	TGLs = 4-2		
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 227	TRT#: 4	SEX: Female	DAY ON TEST: 658
	DOSE: 0.015	DISP: Moribund	HISTO: 251805

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 3-3			
Stomach	Forestomach	Inflammation	Acute, Moderate
Thymus		Leukemia Mononuclear	
Uterus		Leukemia Mononuclear	

Note: LEUKEMIA MONUC TGLs = 9-8

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 228

TRT#: 4

SEX: Female

DAY ON TEST: 523

DOSE: 0.015

DISP: Moribund

HISTO: 251806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone Marrow

Brain

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lymph Node - Mandibular

Lymph Node - Mesenteric

Mammary Gland

Nose

Ovary

Parathyroid Gland

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Thyroid Gland

Trachea

Urinary Bladder

Uterus

Zymbal's Gland

OBSERVATIONS

Clitoral Gland

Carcinoma

Note: CARCINOMA TGLs = 1-8.1

Heart

Cardiomyopathy

Minimal

Kidney

Nephropathy

Minimal

Liver

Angiectasis

Mild

Basophilic Focus

Minimal

Mixed Cell Focus

Minimal

Note: MIXED CL FOCUS TGLs = 3,4,5-3.1

[Basophilic Focus TGLS = 3,5-3.1]

[Mixed Cell Focus TGLS = 3,4,5-3.1]

Lung

Infiltration Cellular

Histiocyte, Minimal

Pancreas

Acinus

Atrophy

Minimal

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA TGLs = 2-2

Thymus

Epithel Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE I LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 229

TRT#: 4

SEX: Female

DAY ON TEST: 638

DOSE: 0.015

DISP: Moribund

HISTO: 251807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Zymbal's Gland	

OBSERVATIONS

Brain [Compression TGLS = 4-1]	Brain Stem	Compression	Moderate
Kidney		Nephropathy	Mild
Liver		Degeneration	Cystic, Mild
		Fatty Change	Multifocal, Mild
		Inflammation	Granulomatous, Multifocal, Minimal
Lung Note: INFILTRAT CELL TGLs = 3-4+4.1	Alveolar Epith	Hyperplasia	Focal, Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Mild
Mammary Gland Note: FIBROADENOMA TGLs = 6-13		Fibroadenoma	
Pituitary Gland [Adenoma TGLS = 5-2]	Pars Distalis	Adenoma	
Stomach	Forestomach	Inflammation	Acute, Mild
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 230

TRT#: 4

SEX: Female

DAY ON TEST: 411

DOSE: 0.015

DISP: Moribund

HISTO: 251808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain	Brain Stem	Compression	Moderate
Note: COMPRESSION TGLs = 3-1			
Clitoral Gland	Duct	Ectasia	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Multifocal, Minimal
Lung	Interstitialium	Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 7-4.1		Inflammation	Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 6-9+14			
Mammary Gland		Galactocele	
Note: GALACTOCELE TGLs = 5-13			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1,2-2]			
Spleen		Hyperplasia	Reticulum Cell, Focal, Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 309

TRT#: 6

SEX: Female

DAY ON TEST: 400

DOSE: 0.03

DISP: Moribund

HISTO: 251887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Clitoral Gland	Bilateral	Carcinoma	
Note: CARCINOMA	TGLs = 1,2-8.1+8.2		
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 7,8-3.2		
Lung		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland		Cyst	
Note: CYST	TGLs = 5-2		
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 4-3		
Uterus		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 3-8		
Zymbal's Gland		Hyperplasia	Glandular, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 317

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Moribund

DAY ON TEST: 487
HISTO: 251895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Brain		Astrocytoma Malignant	
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-8.1		
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	Mild
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Infiltration Cellular	Histiocyte, Minimal
		Squamous Cell Papilloma	
Pharynx			
Note: SQ CL PAPILLOM	TGLs = 3-12.1		
Pituitary Gland		Cyst	
Note: CYST	TGLs = 2-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 318

TRT#: 6

SEX: Female

DAY ON TEST: 617

DOSE: 0.03

DISP: Moribund

HISTO: 251896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Zymbal's Gland	

MISSING

Mammary Gland

OBSERVATIONS

Clitoral Gland	Duct	Ectasia	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Moderate
		Degeneration	Cystic, Mild
		Mixed Cell Focus	Mild
Note: DEGEN TGLs = 7-3.1 [Degeneration TGLS = 7-3.1]			
Lung	Alveolus, Peribronchiolr Bronchiole	Inflammation Inflammation	Acute, Moderate Acute, Moderate
Note: INFLAMMATION TGLs = 6-4+4.1 Note: INFLAMMATION TGLs = 6-4+4.1			
Ovary		Granulosa Cell Tumor Nos	
Note: [GRANLSA TM NOS] TGLs = 1-8			
Pituitary Gland		Cyst	
Stomach	Glandular	Erosion	Mild
Thymus	Epithel Cell	Hyperplasia	Mild
Tongue		Squamous Cell Papilloma	
Note: SQ CL PAPILOM TGLs = 8-13			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 319

TRT#: 6

DOSE: 0.03

SEX: Female

DISP: Moribund

DAY ON TEST: 523

HISTO: 251897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Minimal
Clitoral Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-8.1			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Moderate
		Hematopoietic Cell Proliferation	Minimal
[Eosinophilic Focus TGLS = 6-3.1]			
[Hematopoietic Cell Proliferation TGLS = 6-3.1]			
Lung	Interstitial	Inflammation	Minimal
Note: INFLAMMATION TGLs = 5-4.1			
Pancreas	Acinus	Atrophy	Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-3]			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 320

TRT#: 6

SEX: Female

DAY ON TEST: 515

DOSE: 0.03

DISP: Dead

HISTO: 251898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Skin	Stomach - Forestomach	Trachea	Uterus
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
		[Hemorrhage TGLS = 6-1]	
		[Leukemia Mononuclear TGLS = 6-1]	
Clitoral Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Mild
Heart		Leukemia Mononuclear	
Intestine Large	Cecum	Leukemia Mononuclear	
	Colon	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-9		
Note: LEUKEMIA MONUC	TGLs = 8-6		
Note: LEUKEMIA MONUC	TGLs = 3-7		
Mesentery		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 320	TRT#: 6	SEX: Female	DAY ON TEST: 515
	DOSE: 0.03	DISP: Dead	HISTO: 251898

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Leukemia Mononuclear	
Pituitary Gland		Cyst	
		Leukemia Mononuclear	
Salivary Glands		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-9+9.1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-3		
Stomach	Glandular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-6		
Thymus	Epithel Cell	Hyperplasia	Mild
		Leukemia Mononuclear	
Thyroid Gland	Follicular Cel	Adenoma	
Urinary Bladder		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 11-8.1		

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 321

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.03

DISP: Terminal Sacrifice

HISTO: 251899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Glandular
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-13		
Heart	Atrium	Thrombosis	Marked
Note: THROMBUS	TGLs = 6-3		
Kidney		Nephropathy	Mild
Liver	Centrilobular	Hematopoietic Cell Proliferation	Minimal
Note: NECROSIS	TGLs = 7,8,9,10-3.1	Necrosis	Coagulative, Marked
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Adenoma	
Note: ADENOMA	TGLs = 2-14		
Ovary	Periovarn Tiss	Sarcoma Stromal	Metastatic (Uterus)
Pituitary Gland		Angiectasis	Mild
[Angiectasis TGLS = 5-2]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Sarcoma	
Note: [SARCOMA]	TGLs = 11-6		
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Cyst	
		Sarcoma Stromal	
Note: SARC STROMAL	TGLs = 4-8		
Note: CYST	TGLs = 3-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 321

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.03

DISP: Terminal Sacrifice

HISTO: 251899

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 322

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.03

DISP: Terminal Sacrifice

HISTO: 251900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Clitoral Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-13			
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver		Angiectasis	Mild
		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Moderate
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	Mild
Note: MIXED CL FOCUS TGLs = 8-3.1			
[Angiectasis TGLS = 8-3.1]			
[Mixed Cell Focus TGLS = 7-3.1]			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA TGLs = 1,2-8.1			
Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 5-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 322	TRT#: 6	SEX: Female	DAY ON TEST: 733
	DOSE: 0.03	DISP: Terminal Sacrifice	HISTO: 251900

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 6-2]			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 323	TRT#: 6 DOSE: 0.03	SEX: Female DISP: Dead	DAY ON TEST: 87 HISTO: 251901
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large - Rectum

AUTO PRECLUDES DIAG.

Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Pancreas	

OBSERVATIONS

Lung	Hemorrhage	Moderate
[Hemorrhage TGLS = 3-4+4.1]		
Pituitary Gland	Congestion	Mild
Note: CONGESTION TGLs = 10-2		
Skin	Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: MULTIPLE ORGANS PARTIALLY AUTOLYZED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 324

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.03

DISP: Terminal Sacrifice

HISTO: 251902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Bilateral, Cortex	Vacuolization Cytoplasmic	Focal, Mild
Clitoral Gland		Carcinoma	
		Inflammation	Suppurative, Mild
Note: CARCINOMA TGLs = 3-15			
Intestine Small	Ileum	Parasite Metazoan	Minimal
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Moderate
		Degeneration	Cystic, Marked
		Eosinophilic Focus	Mild
		Mixed Cell Focus	Moderate
		Neoplastic Nodule	
Note: DEGEN TGLs = 7,8,9,10-3.1			
Note: MIXED CL FOCUS TGLs = 8-3.1			
Note: NEOPLASTIC NOD TGLs = 6-3.1			
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	Multiple
Note: ADENOCARC TGLs = 2-14			
Note: FIBROADENOMA TGLs = 1,4-13+16			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 324

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 251902

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 11-2

Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 325

TRT#: 6

SEX: Female

DAY ON TEST: 677

DOSE: 0.03

DISP: Moribund

HISTO: 251903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Intestine Small	Jejunum	Polyp Adenomatous	
Note: POLYP ADENOMAT	TGLs = 4-13		
Kidney		Nephropathy	Mild
Liver		Degeneration	Cystic, Moderate
		Hemorrhage	Moderate
		Leukemia Mononuclear	
		Neoplastic Nodule	Multiple
Note: DEGEN	TGLs = 9,10,11,13-3.1+3.2		
Note: NEOPLASTIC NOD	TGLs = 12,14,15-3.1+3.2		
Note: HEMORRHAGE	TGLs = 9,11-3.1+3.2		
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-9		
Note: LEUKEMIA MONUC	TGLs = 6-9		
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	Multiple
		Galactocele	
Note: FIBROADENOMA	TGLs = 16,17,19-15+16+18		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 325

TRT#: 6

SEX: Female

DAY ON TEST: 677

DOSE: 0.03

DISP: Moribund

HISTO: 251903

ORGAN AND ACCOUNTABLE SITE STATUS

Note: GALACTOCELE TGLs = 18-17

Mesentery Fat

Necrosis

Focal, Marked

Note: NECROSIS TGLs = 2-14

Pancreas

Leukemia Mononuclear

Pituitary Gland

Cyst

Note: CYST TGLs = 5-2

Spleen

Leukemia Mononuclear

Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 326

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Moribund

DAY ON TEST: 285
HISTO: 251904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Kidney		Cyst	
Note: CYST	TGLs = 4-5		
Liver		Basophilic Focus	Minimal
		Infiltration Cellular	Polymorphnuclr, Mild
		Adenocarcinoma	
Mammary Gland			
Note: ADENOCARC	TGLs = 3-13		
Pituitary Gland		Cyst	
[Cyst TGLS = 2-2]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus	Epithel Cell	Hyperplasia	Mild
Uterus		Decidual Reaction	Moderate
Note: DECIDUAL REACT	TGLs = 1-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 327

TRT#: 6

SEX: Female

DAY ON TEST: 575

DOSE: 0.03

DISP: Dead

HISTO: 251905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Zymbal's Gland		

OBSERVATIONS

Eye		Cataract	Moderate
	Retina	Degeneration	Marked
Note: CATARACT TGLs = 1-13			
Islets, Pancreatic		Carcinoma	
Note: [CARCINOMA] TGLs = 4-6			
Kidney		Nephropathy	Moderate
Liver		Degeneration	Cystic, Moderate
		Eosinophilic Focus	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland	Duct	Ectasia	Moderate
Note: ECTASIA TGLs = 5-10			
Pharynx		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 3-14			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 328

TRT#: 6

SEX: Female

DAY ON TEST: 579

DOSE: 0.03

DISP: Moribund

HISTO: 251906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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 - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Brain		Hemorrhage	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Moderate
	Periportal	Fatty Change	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL TGLs = 1-4+4.1			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Thymus	Epithel Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
Note: CARCINOMA TGLs = 2-10			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 329

TRT#: 6

SEX: Female

DAY ON TEST: 532

DOSE: 0.03

DISP: Dead

HISTO: 251907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain		Hemorrhage	Moderate
		Necrosis	Focal, Moderate
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-8		
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Mild
		Congestion	Moderate
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	Mild
Note: CONGESTION	TGLs = 3-3.1		
Lung		Congestion	Marked
		Edema	Mild
Note: CONGESTION	TGLs = 4-4+4.1		
Lymph Node		Mediastinal	Moderate
		Mandibular	Plasma Cell, Moderate
Note: HYPERPLASIA	TGLs = 2-9		
Note: HEMORRHAGE	TGLs = 5-9-13		
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 6-10		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 330

TRT#: 6

SEX: Female

DAY ON TEST: 693

DOSE: 0.03

DISP: Moribund

HISTO: 251908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Zymbal's Gland	

MISSING

Bone Marrow

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Focal, Moderate
Clitoral Gland		Adenoma	
		Hyperplasia	Glandular, Focal, Moderate
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-5		
Liver		Basophilic Focus	Moderate
		Eosinophilic Focus	Mild
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-3.1		
Note: ANOM HEPAT LOB	TGLs = 8-3.1		
Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
Note: HEMORRHAGE	TGLs = 4-4		
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Galactocele	
Note: GALACTOCELE	TGLs = 2-14		
Nose		Fungus	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 330

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Moribund

DAY ON TEST: 693
HISTO: 251908

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland Note: ADENOMA TGLs = 10-2	Pars Distalis	Inflammation Adenoma	Suppurative, Mild
Skin Note: BASAL CEL ADEN TGLs = 3-15 Note: FIBROMA TGLs = 1-13	Subcut Tiss	Basal Cell Adenoma Fibroma	
Spleen Note: LEUKEMIA MONUC TGLs = 6,7-3		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 331	TRT#: 6	SEX: Female	DAY ON TEST: 530
	DOSE: 0.03	DISP: Dead	HISTO: 251909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Inflammation	Suppurative, Marked
		Nephropathy	Mild
Liver		Eosinophilic Focus	Mild
Lung	Bronchiole	Foreign Body	Mild
	Bronchiole	Inflammation	Acute, Moderate
Spleen	Red Pulp	Atrophy	Moderate
Note: ATROPHY	TGLs = 1-3		
Tongue		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC	TGLs = 3-13		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:44
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 332

TRT#: 6

SEX: Female

DAY ON TEST: 592

DOSE: 0.03

DISP: Moribund

HISTO: 251910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Zymbal's Gland		

OBSERVATIONS

Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-8.1		
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Multifocal, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Adenoma	
		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-13		
Note: ADENOMA	TGLs = 6-14		
Pancreas	Acinus	Atrophy	Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
		[Hematopoietic Cell Proliferation TGLS = 4-3]	
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:44

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 680

DOSE: 0.03

DISP: Dead

HISTO: 251911

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

Lymph Node - Mandibular

Lymph Node - Mesenteric

Ovary

Pancreas

Parathyroid Gland

Salivary Glands

Skin

Stomach - Forestomach

Stomach - Glandular

Thyroid Gland

Trachea

Urinary Bladder

Uterus

Zymbal's Gland

MISSING

Thymus

OBSERVATIONS

Adrenal Gland

Cortex

Angiectasis

Moderate

Cortex

Vacuolization Cytoplasmic

Focal, Mild

Heart

Atrium

Thrombosis

Moderate

Valve

Thrombosis

Moderate

Kidney

Cyst

Nephropathy

Mild

Note: CYST TGLs = 9-5

Liver

Degeneration

Cystic, Moderate

Eosinophilic Focus

Moderate

Necrosis

Coagulative, Multifocal, Mild

Sarcoma

Metastatic (Uncertain Primary Site)

Note: NECROSIS TGLs = 6-3.1

Note: EOSIN FOCUS TGLs = 7-3.1

Note: [SARCOMA] TGLs = 6,7-3.1

Note: DEGEN TGLs = 6-3.1

Lung

Hemorrhage

Marked

Sarcoma

Metastatic (Uncertain Primary Site)

Note: [SARCOMA] TGLs = 5-4+4.1

Note: HEMORRHAGE TGLs = 5-4+4.1

Mammary Gland

Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 333	TRT#: 6	SEX: Female	DAY ON TEST: 680
	DOSE: 0.03	DISP: Dead	HISTO: 251911

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FIBROADENOMA	TGLs = 8-13		
Nose		Hemorrhage	Mild
Pituitary Gland		Adenoma	
Note: ADENOMA	TGLs = 2,3-2		
Spleen		Hemorrhage	Marked
Note: HEMORRHAGE	TGLs = 1-3		

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 344

DOSE: 0.03

DISP: Moribund

HISTO: 251912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	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	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Uterus	Zymbal's Gland

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Diffuse, Moderate
Intestine Large	Cecum	Leukemia	
Kidney		Leukemia	
		Nephropathy	Minimal
Lung		Leukemia	
Note: LEUKEMIA	TGLs = 10+4+4.1		
Lymph Node	Mediastinal	Leukemia	
	Mesenteric	Leukemia	
	Pancreatic	Leukemia	
Note: LEUKEMIA	TGLs = 3-7		
Note: LEUKEMIA	TGLs = 7-9		
Note: LEUKEMIA	TGLs = 6-6		
Ovary		Leukemia	
Skeletal Muscle		Leukemia	
Spleen		Leukemia	
Note: LEUKEMIA	TGLs = 1-3		
Stomach	Forestomach	Ulcer	Marked
Note: ULCER	TGLs = 9-6		
Thymus	Epithel Cell	Hyperplasia	Mild
Tissue NOS		Leukemia	
Note: TISSUE NOS = FAT WITH LEUKEMIC INFILTRATE.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 344

DOSE: 0.03

DISP: Moribund

HISTO: 251912

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA TGLs = 8-13

Urinary Bladder

Hemorrhage

Moderate

Note: HEMORRHAGE TGLs = 2-8

PRIMARY CAUSE OF DEATH

-

Animal Note: POORLY DIFFERENTIATED LEUKEMIA IN MULTIPLE ORGANS.

Animal Note: LEUKEMIA DIFFERENT FROM MONONUCLEAR CELL LEUKEMIA.

Animal Note: POORLY DIFFERENTIATED LEUKEMIA.

Animal Note: NOT MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 517

DOSE: 0.03

DISP: Moribund

HISTO: 251913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland Note: VACUOLIZ CYTO TGLs = 1-2	Cortex	Vacuolization Cytoplasmic	Diffuse, Marked
Brain		Hemorrhage	Mild
Intestine Large	Cecum	Ulcer	Marked
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Mild
		Fatty Change	Multifocal, Minimal
Note: EOSIN FOCUS TGLs = 2-3.1 Note: FATTY CHANGE TGLs = 2-3.1			
Lung Note: CARCINOMA TGLs = 3-4+4.1		Carcinoma	Metastatic (Zymbal'S Gland)
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Nose		Inflammation	Suppurative, Moderate
Skin Note: ULCER TGLs = 5,6-13+14		Ulcer	Multifocal, Marked
Thymus	Epithel Cell	Hyperplasia	Mild
Zymbal's Gland Note: CARCINOMA TGLs = 4-10		Carcinoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 336

TRT#: 6

SEX: Female

DAY ON TEST: 403

DOSE: 0.03

DISP: Moribund

HISTO: 251914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Clitoral Gland		Adenoma	
Eye		Cataract	Mild
	Retina	Degeneration	Mild
Note: CATARACT	TGLs = 2-13		
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Mild
		Neoplastic Nodule	
Note: NEOPLASTIC NOD	TGLs = 1-3.1		
Lung		Carcinoma	Metastatic (Zymbal'S Gland)
	Alveolar Epith	Hyperplasia	Focal, Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 3-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 649

DOSE: 0.03

DISP: Moribund

HISTO: 251915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Esophagus	Heart	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	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 2-8.1		
Kidney		Nephropathy	Moderate
Liver		Cyst	
		Hepatocellular Carcinoma	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7,8-3.1+3.2		
Note: HEPATOCLR CARC	TGLs = 9,14-3.2		
Note: CYST	TGLs = 6-3.1		
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 12-4+4.1+4.2		
Note: INFILTRAT CELL	TGLs = 11-4+4.1+4.2		
Note: ALV BRON ADEN	TGLs = 10-4.2		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Suppurative, Minimal
Ovary		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 337	TRT#: 6 DOSE: 0.03	SEX: Female DISP: Moribund	DAY ON TEST: 649 HISTO: 251915
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ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 13-2			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-3			
Thymus	Epithel Cell	Hyperplasia	Mild
Uterus	Endometrium	Cyst	
Note: CYST TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 338

TRT#: 6

SEX: Female

DAY ON TEST: 448

DOSE: 0.03

DISP: Moribund

HISTO: 251916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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 - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Bone Marrow		Hemorrhage	Mild
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Pituitary Gland		Cyst	
Spleen		Pigmentation	Hemosiderin, Moderate
Zymbal's Gland		Carcinoma	

Note: CARCINOMA TGLs = 2-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 709

DOSE: 0.03

DISP: Moribund

HISTO: 251917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Ovary
Parathyroid Gland	Spleen	Stomach - Glandular	Thyroid Gland
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Multifocal, Mild
Brain	Meninges	Inflammation	Subacute, Moderate
Clitoral Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-8.1			
Eye		Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 9-15			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-5			
Liver		Basophilic Focus	Mild
		Fatty Change	Multifocal, Mild
Note: FATTY CHANGE TGLs = 3-3.1			
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
	Peribronchiolr	Inflammation	Chronic, Moderate
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Adventitia, Mandibular	Inflammation	Chronic, Moderate
Mammary Gland		Inflammation	Chronic, Moderate
Nose		Inflammation	Suppurative, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 7-2			
Salivary Glands	Adventitia	Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 4-9			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 339	TRT#: 6 DOSE: 0.03	SEX: Female DISP: Moribund	DAY ON TEST: 709 HISTO: 251917
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ORGAN AND ACCOUNTABLE SITE STATUS

Skin		Basal Cell Carcinoma	
	Subcut Tiss	Inflammation	Chronic, Marked
Note: BASAL CEL CARC	TGLs = 8-14		
Note: INFLAMMATION	TGLs = 5-12+13		
Stomach	Forestomach	Hyperplasia	Moderate
	Forestomach	Inflammation	Chronic, Moderate
Thymus	Epithel Cell	Hyperplasia	Mild
Trachea	Adventitia	Inflammation	Chronic, Moderate
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 6-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 609

DOSE: 0.03

DISP: Moribund

HISTO: 251918

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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Heart	Valve	Thrombosis	Minimal
Kidney		Nephropathy	Mild
		Pigmentation	Moderate
Note: PIGMENT	TGLs = 10-5		
Liver		Basophilic Focus	Moderate
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-3.1		
Note: [BASOPH FOCUS]	TGLs = 8-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6,7-4+4.1		
Mesentery	Fat	Necrosis	Focal, Mild
Pituitary Gland		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-2		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Uterus	Endometrium	Cyst	
Note: CYST	TGLs = 2-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 609

DOSE: 0.03

DISP: Moribund

HISTO: 251918

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 715

DOSE: 0.03

DISP: Moribund

HISTO: 251919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Multifocal, Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Moderate
		Hepatocellular Carcinoma	
		Leukemia Mononuclear	
		Regeneration	Moderate
Note: REGENERATION TGLs = 10-3.1			
Note: DEGEN TGLs = 6,7,8-3.1			
Note: HEPATOCLR CARC TGLs = 9-3.1			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Note: HYPERPLASIA TGLs = 1-4			
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Leukemia Mononuclear	
Pituitary Gland		Angiectasis	Moderate
		Cyst	
Note: ANGIECTASIS TGLs = 11-2			
Spleen		Leukemia Mononuclear	
		Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 715

DOSE: 0.03

DISP: Moribund

HISTO: 251919

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 4-3

Note: NECROSIS TGLs = 3-3

Thymus	Epithel Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	

Note: POLYP STROMAL TGLs = 2-8.1

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 342

TRT#: 6

SEX: Female

DAY ON TEST: 538

DOSE: 0.03

DISP: Moribund

HISTO: 251920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Marked
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
		Fatty Change	Multifocal, Minimal
		Mixed Cell Focus	Marked
<p>Note: [BASOPH FOCUS] TGLs = 6-3.1 [Degeneration TGLS = 4,5,6-3.1] [Eosinophilic Focus TGLS = 4,5,6-3.1]</p>			
Lung		Carcinoma	Metastatic (Zymbal'S Gland)
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Adenoma	
		Fibroadenoma	
<p>Note: FIBROADENOMA TGLs = 2-10 Note: ADENOMA TGLs = 1-13</p>			
Pituitary Gland	Pars Distalis	Adenoma	
<p>[Adenoma TGLS = 7-2]</p>			
Stomach	Forestomach	Inflammation	Acute, Moderate
<p>Note: INFLAMMATION TGLs = 3-6</p>			
Zymbal's Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 342

TRT#: 6

SEX: Female

DAY ON TEST: 538

DOSE: 0.03

DISP: Moribund

HISTO: 251920

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CARCINOMA TGLs = 8-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 343

TRT#: 6

SEX: Female

DAY ON TEST: 631

DOSE: 0.03

DISP: Moribund

HISTO: 251921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Cardiomyopathy	Moderate
Note: CARDIOMYOPATHY	TGLs = 5,6-3		
Intestine Large	Cecum	Leukemia Mononuclear	
	Colon	Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Liver		Basophilic Focus	Moderate
		Eosinophilic Focus	Moderate
		Hepatocellular Carcinoma	
		Leukemia Mononuclear	
		Neoplastic Nodule	
Note: LEUKEMIA MONUC	TGLs = 8,9,10,12-3.1+3.2		
Note: NEOPLASTIC NOD	TGLs = 10-3.1		
Note: HEPATOCLR CARC	TGLs = 11-3.2		
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-9+14		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 343

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Moribund

DAY ON TEST: 631
HISTO: 251921

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC	TGLs = 2-7		
Note: LEUKEMIA MONUC	TGLs = 3-13		
Pituitary Gland			Cyst
Spleen			Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 4-3		
Stomach		Forestomach	Leukemia Mononuclear
Thyroid Gland			Leukemia Mononuclear
Zymbal's Gland			Carcinoma
Note: CARCINOMA	TGLs = 14-10		

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 641

DOSE: 0.03

DISP: Moribund

HISTO: 251922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Moderate
		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3-3.1 [Hepatocellular Carcinoma TGLS = 2-3.1]			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Multifocal, Mild
Pituitary Gland		Cyst	
Thymus	Epithel Cell	Hyperplasia	Mild
Uterus		Adenoma	
	Endometrium	Cyst	
Note: CYST TGLs = 1-8			
Note: ADENOMA TGLs = 1-8			
Zymbal's Gland		Carcinoma	
Note: CARCINOMA TGLs = 4-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 345

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.03

DISP: Terminal Sacrifice

HISTO: 251923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Granular Cell Tumor Benign	
Clitoral Gland		Adenoma	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Marked
		Eosinophilic Focus	Mild
		Fatty Change	Multifocal, Mild
		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
Note: FATTY CHANGE	TGLs = 2-3.1		
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
Nose		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
Note: ADENOMA	TGLs = 3-2		
Skin		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC	TGLs = 1-13		
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 345	TRT#: 6 DOSE: 0.03	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 251923
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 4-3

Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	Follicle	Cyst	
	Follicular Cel	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 531

DOSE: 0.03

DISP: Dead

HISTO: 251924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Skin
Thyroid Gland
Zymbal's Gland

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Salivary Glands
Thymus
Uterus

OBSERVATIONS

Heart
Kidney
Liver

Cardiomyopathy
Nephropathy
Basophilic Focus
Degeneration

Minimal
Mild
Moderate
Cystic, Mild

Note: DEGEN TGLs = 2-3.1

Lung

Note: CONGESTION TGLs = 3-4+4.1

Lymph Node

Mediastinal
Mesenteric
Pancreatic

Congestion

Moderate

Note: HEMORRHAGE TGLs = 4-9+14
[Hemorrhage TGLS = 7-16]

Mammary Gland

Note: ADENOCARC TGLs = 1-13

Spleen

Tongue

Note: [SQ CL PAPILLOM] TGLs = 5-15

Hemorrhage
Hemorrhage
Hemorrhage

Mild
Mild
Mild

Adenocarcinoma

Hematopoietic Cell Proliferation
Squamous Cell Papilloma

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 347

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Dead

DAY ON TEST: 521
HISTO: 251925

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	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Clitoral Gland		Adenoma	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Mild
Note: DEGEN TGLs = 2-3.1			
Note: EOSIN FOCUS TGLs = 2-3.1			
Note: BASOPH FOCUS TGLs = 2-3.1			
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL TGLs = 3-4+4.1			
Lymph Node	Mandibular	Hyperplasia	Reticulum Cell, Mild
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN TGLs = 1-13			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 6-3			
Thymus		Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 4-9			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 347

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Dead

DAY ON TEST: 521
HISTO: 251925

ORGAN AND ACCOUNTABLE SITE STATUS

Zymbal's Gland
Note: CARCINOMA TGLs = 5-10

Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 348

TRT#: 6

SEX: Female

DAY ON TEST: 614

DOSE: 0.03

DISP: Moribund

HISTO: 251926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Moderate
Kidney		Nephropathy	Moderate
Liver		Angiectasis	Mild
		Degeneration	Cystic, Mild
		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Necrosis	Coagulative, Mild
		Neoplastic Nodule	
Note: ANGIECTASIS	TGLs = 6-3.1		
Note: DEGEN	TGLs = 6-3.1		
Note: NEOPLASTIC NOD	TGLs = 4-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL	TGLs = 9-4+4.1		
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Marked
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC	TGLs = 7-14		
Pituitary Gland		Cyst	
Skin		Squamous Cell Papilloma	
Note: SQ CL PAPILOM	TGLs = 1-13		
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 2-3		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 348

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Moribund

DAY ON TEST: 614
HISTO: 251926

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA	TGLs = 8-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 581

DOSE: 0.03

DISP: Dead

HISTO: 251927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Thyroid Gland	Trachea
Uterus	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Fibrosis	Marked
	Medulla	Hyperplasia	Focal, Mild
Kidney		Nephropathy	Mild
Liver		Degeneration	Cystic, Mild
	Centrilobular	Necrosis	Coagulative, Marked
		Neoplastic Nodule	
Note: NEOPLASTIC NOD TGLs = 4-3.1			
Note: NECROSIS TGLs = 3,5-3.1			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Lymph Node	Mediastinal	Hemorrhage	Mild
Skin		Basal Cell Carcinoma	
Note: [BASAL CEL CARC] TGLs = 1-13			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 6-3			
Stomach	Glandular	Erosion	Mild
Thymus	Epithel Cell	Hyperplasia	Mild
Urinary Bladder		Ectasia	Marked
Note: ECTASIA TGLs = 2-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 496

DOSE: 0.03

DISP: Dead

HISTO: 251928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-8.1		
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
	Centrilobular	Necrosis	Coagulative, Mild
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Sarcoma	
Note: SARCOMA	TGLs = 3-4.1		
Pharynx		Squamous Cell Papilloma	
Note: [SQ CL PAPILLOM]	TGLs = 4-12.1		
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 351

TRT#: 6

SEX: Female

DAY ON TEST: 715

DOSE: 0.03

DISP: Moribund

HISTO: 251929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM MAL] TGLs = 2-2	Medulla	Pheochromocytoma Malignant	
Clitoral Gland		Hyperplasia	Glandular, Focal, Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	Mild
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Multifocal, Minimal
		Mixed Cell Focus	Moderate
		Neoplastic Nodule	Multiple
Note: [NEOPLASTIC NOD] TGLs = 5,6-3.1+3.2 Note: MIXED CL FOCUS TGLs = 7-3.1 [Inflammation TGLS = 4-3.1+3.2] [Mixed Cell Focus TGLS = 3-3.1]			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mandibular	Leukemia Mononuclear	
Mammary Gland Note: FIBROADENOMA TGLs = 1-13		Fibroadenoma	
Pancreas	Acinus	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 351

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Moribund

DAY ON TEST: 715
HISTO: 251929

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Epithel Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 8-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 352

TRT#: 6

SEX: Female

DAY ON TEST: 545

DOSE: 0.03

DISP: Moribund

HISTO: 251930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Salivary Glands
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Skin
Thymus
Zymbal's Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Kidney
Liver

Nephropathy
Angiectasis
Basophilic Focus
Degeneration
Eosinophilic Focus

Moderate
Mild
Mild
Cystic, Minimal
Minimal

[Angiectasis TGLS = 2-3.1]

[Degeneration TGLS = 3-3.1]

Lung
Lymph Node

Mandibular
Mediastinal
Acinus

Infiltration Cellular
Hemorrhage
Hemorrhage
Atrophy
Ectasia

Histiocyte, Minimal
Mild
Mild
Mild
Marked

Pancreas
Urinary Bladder

Note: ECTASIA TGLs = 1-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 353

TRT#: 6

SEX: Female

DAY ON TEST: 587

DOSE: 0.03

DISP: Dead

HISTO: 251931

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	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Uterus	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-2		
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7,8-3.1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-4+4.1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-14		
Note: LEUKEMIA MONUC	TGLs = 5-9+13		
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Leukemia Mononuclear	
Skin	Subcut Tiss	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-3.2		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 353

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Dead

DAY ON TEST: 587
HISTO: 251931

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 354

TRT#: 6

SEX: Female

DAY ON TEST: 592

DOSE: 0.03

DISP: Moribund

HISTO: 251932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-8.1		
Intestine Large	Rectum	Parasite Metazoan	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
		Neoplastic Nodule	
Note: NEOPLASTIC NOD	TGLs = 9-3.1		
[Eosinophilic Focus TGLS = 7-3.1]			
[Hematopoietic Cell Proliferation TGLS = 7-3.1]			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Pancreas	Acinus	Hyperplasia	Focal, Mild
Pharynx		Squamous Cell Papilloma	
Note: SQ CL PAPILOM	TGLs = 6-14		
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Marked
Note: FIBROSIS	TGLs = 4-3		
[Hematopoietic Cell Proliferation TGLS = 3-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 354

TRT#: 6

SEX: Female

DAY ON TEST: 592

DOSE: 0.03

DISP: Moribund

HISTO: 251932

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 355

TRT#: 6

SEX: Female

DAY ON TEST: 641

DOSE: 0.03

DISP: Moribund

HISTO: 251933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Zymbal's Gland

MISSING

Clitoral Gland	Mammary Gland
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OBSERVATIONS

Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Marked
		Mixed Cell Focus	Mild
Note: MIXED CL FOCUS TGLs = 2-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Pharynx		Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 3-13			
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-10.1			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE I LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 356

TRT#: 6

SEX: Female

DAY ON TEST: 656

DOSE: 0.03

DISP: Dead

HISTO: 251934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Hyperplasia	Glandular, Focal, Mild
Kidney		Nephropathy	Mild
Liver		Angiectasis	Mild
	Bile Duct	Fibrosis	Focal, Mild
		Hyperplasia	Mild
		Leukemia Mononuclear	
		Neoplastic Nodule	
[Hyperplasia TGLS = 5-3.1]			
[Leukemia Mononuclear TGLS = 4-3.1]			
Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Focal, Minimal
		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
		Angiectasis	Mild
[Adenoma TGLS = 3-2]			
[Angiectasis TGLS = 3-2]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-3]			
Thymus	Epithel Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 356

TRT#: 6

SEX: Female

DAY ON TEST: 656

DOSE: 0.03

DISP: Dead

HISTO: 251934

ORGAN AND ACCOUNTABLE SITE STATUS

Note: POLYP STROMAL TGLs = 1,6-8.1

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 357

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Moribund

DAY ON TEST: 454
HISTO: 251935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Eye		Cataract	Moderate
	Retina	Degeneration	Marked
Note: CATARACT	TGLs = 1-13		
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Eosinophilic Focus	Mild
		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB	TGLs = 2-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Spleen	Red Pulp	Atrophy	Moderate
		Pigmentation	Hemosiderin, Moderate
[Pigmentation TGLS = 4-3]			
Thymus	Epithel Cell	Hyperplasia	Mild
Tongue		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC	TGLs = 3-14		
Zymbal's Gland		Hyperplasia	Glandular, Focal, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 358

TRT#: 6

SEX: Female

DAY ON TEST: 545

DOSE: 0.03

DISP: Moribund

HISTO: 251936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver	Centrilobular	Fatty Change	Mild
	Centrilobular	Hematopoietic Cell Proliferation	Minimal
Note: NECROSIS	TGLs = 3-3.1	Necrosis	Coagulative, Moderate
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Pituitary Gland		Cyst	
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
Uterus		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 2-8		
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-10.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 359

TRT#: 6

SEX: Female

DAY ON TEST: 676

DOSE: 0.03

DISP: Dead

HISTO: 251937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus	Zymbal's Gland		

MISSING

Mammary Gland

OBSERVATIONS

Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-8		
Note: LARGE, UNILATERAL CLITORAL GLAND CARCINOMA.			
Heart	Atrium	Thrombosis	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Moderate
		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST	TGLs = 5,6-3.1		
Lung		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST	TGLs = 4-4+4.1		
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-2]			
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST	TGLs = 2-3		
Stomach	Forestomach	Ulcer	Moderate
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 360

TRT#: 6

SEX: Female

DAY ON TEST: 658

DOSE: 0.03

DISP: Dead

HISTO: 251938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lung
Pancreas
Skin
Thymus
Zymbal's Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Spleen
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

MISSING

Clitoral Gland

OBSERVATIONS

Kidney
Note: NEPHROPATHY TGLs = 4-5
Liver

Nephropathy Mild
Basophilic Focus Mild
Cyst
Degeneration Cystic, Mild

Note: BASOPH FOCUS TGLs = 1-3.1
[Basophilic Focus TGLS = 5-3.1]

Mammary Gland
Nose
Thyroid Gland

C Cell

Hyperplasia Nodular, Moderate
Inflammation Suppurative, Moderate
Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 361

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Moribund

DAY ON TEST: 588
HISTO: 251939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Kidney		Nephropathy	Mild
Liver		Hepatodiaphragmatic Nodule	
	Centrilobular	Necrosis	Coagulative, Mild
Note: NECROSIS TGLs = 4-3.1 [Necrosis TGLS = 5-3.1]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6,7-2			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 9-3			
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	Follicle	Cyst	Mild
Uterus		Sarcoma Stromal	
Note: [SARC STROMAL] TGLs = 3-13			
Zymbal's Gland		Carcinoma	
Note: CARCINOMA TGLs = 8-10.1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 362

TRT#: 6

SEX: Female

DAY ON TEST: 638

DOSE: 0.03

DISP: Moribund

HISTO: 251940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Clitoral Gland	Duct	Ectasia	Mild
		Hyperplasia	Glandular, Focal, Mild
Eye	Antr Chamber	Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 2-13		
Kidney		Nephropathy	Moderate
Liver		Angiectasis	Mild
		Degeneration	Cystic, Mild
Note: DEGEN	TGLs = 5-3.1	Eosinophilic Focus	Mild
Lung	Alveolar Epith	Hyperplasia	Multifocal, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Marked
Nose		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
Spleen		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Minimal
Uterus		Hydrometra	Mild
		Polyp Stromal	
Note: HYDROMETRA	TGLs = 1-8		
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 3-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 363

TRT#: 6

DOSE: 0.03

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 251941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Heart

Intestine Small - Duodenum

Nose

Pituitary Gland

Stomach - Glandular

Uterus

Bone Marrow

Intestine Large - Cecum

Intestine Small - Ileum

Ovary

Salivary Glands

Thymus

Brain

Intestine Large - Colon

Intestine Small - Jejunum

Pancreas

Skin

Trachea

Esophagus

Intestine Large - Rectum

Islets, Pancreatic

Parathyroid Gland

Stomach - Forestomach

Urinary Bladder

OBSERVATIONS

Adrenal Gland

[Adenoma TGLS = 3-2]

Clitoral Gland

Kidney

Liver

Cortex

Adenoma

Adenoma

Hyperplasia

Nephropathy

Angiectasis

Degeneration

Eosinophilic Focus

Hepatodiaphragmatic Nodule

Leukemia Mononuclear

Regeneration

Glandular, Focal, Mild

Mild

Mild

Cystic, Mild

Moderate

Moderate

Note: REGENERATION TGLs = 7-3.1

[Angiectasis TGLS = 5-3.2]

[Hepatodiaphragmatic Nodule TGLS = 4,6-3.1+3.2]

Lung

Note: LEUKEMIA MONUC TGLs = 8-4+4.1

Lymph Node

Mandibular

Mesenteric

Mammary Gland

Note: FIBROADENOMA TGLs = 1,2-13+14

Spleen

[Leukemia Mononuclear TGLS = 12-3]

Leukemia Mononuclear

Leukemia Mononuclear

Leukemia Mononuclear

Fibroadenoma

Multiple

Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 363

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 251941

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland
Note: [CARCINOMA] TGLs = 10-2
Zymbal's Gland

C Cell

Carcinoma

Adenoma
Carcinoma

Note: CARCINOMA TGLs = 11-10.1

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 364

TRT#: 6

DOSE: 0.03

SEX: Female

DISP: Moribund

DAY ON TEST: 693

HISTO: 251942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

MISSING

Nose	Pituitary Gland	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Multifocal, Mild
	Cortex	Vacuolization Cytoplasmic	Multifocal, Mild
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 8-8.1		
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 4-5		
Liver		Leukemia Mononuclear	
		Neoplastic Nodule	Multiple
Note: NEOPLASTIC NOD	TGLs = 5,6,7-3.1		
Note: LEUKEMIA MONUC	TGLs = 6-3.1		
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 9-13		
Ovary	Periovarn Tiss	Cyst	
Note: CYST	TGLs = 1-8		
Pancreas	Acinus	Atrophy	Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2,3-3		
Thymus	Epithel Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 364

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Moribund

DAY ON TEST: 693
HISTO: 251942

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
PRIMARY CAUSE OF DEATH	-		

Animal Note: GRADE II LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 365

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Dead

DAY ON TEST: 599
HISTO: 251943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Nose	Ovary	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Pancreas	Parathyroid Gland
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OBSERVATIONS

Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 2-8		
Heart		Cardiomyopathy	Mild
		Thrombosis	Moderate
Note: THROMBUS	TGLs = 7-3		
Kidney		Nephropathy	Minimal
Liver		Histiocytic Sarcoma	
Note: [HISTIO SARC]	TGLs = 3,4,5-3.1		
Lung		Histiocytic Sarcoma	
Note: [HISTIO SARC]	TGLs = 6-4+4.1		
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mesenteric	Hemorrhage	Mild
	Mandibular	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
Note: [HISTIO SARC]	TGLs = 8-9+13		
Note: HEMORRHAGE	TGLs = 8-13		
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-2]			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC]	TGLs = 9-3		
Tooth	Peridont Tiss	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 365

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Dead

DAY ON TEST: 599
HISTO: 251943

ORGAN AND ACCOUNTABLE SITE STATUS

Zymbal's Gland
Note: ADENOMA TGLs = 10-10

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 366

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Dead

DAY ON TEST: 554
HISTO: 251944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	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	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Neoplastic Nodule	Multiple
Note: [NEOPLASTIC NOD] TGLs = 3,5-3.1+3.2			
Note: EOSIN FOCUS TGLs = 3,4,5,6-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL TGLs = 7-4+4.1			
Lymph Node	Mandibular	Hyperplasia	Reticulum Cell, Mild
	Mediastinal	Hyperplasia	Reticulum Cell, Moderate
	Mesenteric	Hyperplasia	Reticulum Cell, Moderate
Pituitary Gland		Cyst	
Note: CYST TGLs = 8-2			
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN TGLs = 1-13			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 9-3			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 367

TRT#: 6

DOSE: 0.03

SEX: Female

DISP: Moribund

DAY ON TEST: 477

HISTO: 251945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Esophagus

Intestine Small - Duodenum

Lymph Node - Mandibular

Ovary

Skin

Thyroid Gland

Zymbal's Gland

Adrenal Gland - Medulla

Heart

Intestine Small - Ileum

Lymph Node - Mesenteric

Pancreas

Stomach - Forestomach

Trachea

Bone Marrow

Intestine Large - Cecum

Intestine Small - Jejunum

Mammary Gland

Parathyroid Gland

Stomach - Glandular

Urinary Bladder

Brain

Intestine Large - Rectum

Islets, Pancreatic

Nose

Salivary Glands

Thymus

Uterus

OBSERVATIONS

Clitoral Gland

Note: CARCINOMA TGLs = 2-8.1

Intestine Large

Kidney

Liver

Note: EOSIN FOCUS TGLs = 1-3.1

[Basophilic Focus TGLs = 1-3.1]

[Eosinophilic Focus TGLs = 1-3.1]

Lung

Lymph Node

Pituitary Gland

Spleen

Note: HEMA CELL PROL TGLs = 3,4-3

Colon

Mediastinal

Carcinoma

Parasite Metazoan

Nephropathy

Basophilic Focus

Eosinophilic Focus

Fatty Change

Infiltration Cellular

Hemorrhage

Cyst

Hematopoietic Cell Proliferation

Moderate

Minimal

Moderate

Moderate

Multifocal, Minimal

Histiocyte, Minimal

Mild

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 368 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 694
DOSE: 0.03 **DISP:** Moribund **HISTO:** 251946

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	Lymph Node - Mandibular	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Clitoral Gland		Hyperplasia	Glandular, Focal, Minimal
Heart		Mineralization	Minimal
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 2-5			
Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
		Neoplastic Nodule	
Note: DEGEN TGLs = 3,4-3.1			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 5-4+4.1			
Lymph Node	Mesenteric	Hemorrhage	Moderate
Mammary Gland		Adenoma	
Note: ADENOMA TGLs = 6-10			
Stomach	Glandular	Mineralization	Marked
Thymus	Epithel Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 369

TRT#: 6

SEX: Female

DAY ON TEST: 53

DOSE: 0.03

DISP: Accident

HISTO: 251947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Pancreas
Skin
Thymus
Uterus

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland
Zymbal's Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 370

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 0.03

DISP: Terminal Sacrifice

HISTO: 251948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Clitoral Gland		Carcinoma	
Note: CARCINOMA TGLs = 2-8.1			
Kidney		Nephropathy	Mild
Liver		Degeneration	Cystic, Mild
	Bile Duct	Eosinophilic Focus	Mild
		Hyperplasia	Mild
		Leukemia Mononuclear	
Note: DEGEN TGLs = 6-3.1			
Note: LEUKEMIA MONUC TGLs = 5-3.1			
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
Note: ALV BRON ADEN TGLs = 7-4.2			
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 4-14			
Pituitary Gland		Cyst	
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN TGLs = 1-13			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-3			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 370

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 734
HISTO: 251948

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland
Zymbal's Gland

Follicular Cel

Hyperplasia
Hyperplasia

Focal, Minimal
Squamous, Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 371

TRT#: 6

DOSE: 0.03

SEX: Female

DISP: Moribund

DAY ON TEST: 715

HISTO: 251949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Heart

Intestine Small - Duodenum

Lymph Node - Mesenteric

Parathyroid Gland

Thymus

Zymbal's Gland

Bone Marrow

Intestine Large - Cecum

Intestine Small - Ileum

Nose

Salivary Glands

Thyroid Gland

Brain

Intestine Large - Colon

Intestine Small - Jejunum

Ovary

Stomach - Forestomach

Trachea

Esophagus

Intestine Large - Rectum

Islets, Pancreatic

Pancreas

Stomach - Glandular

Urinary Bladder

OBSERVATIONS

Adrenal Gland

Medulla

Medulla

Hyperplasia

Pheochromocytoma Benign

Multifocal, Mild

Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.

Clitoral Gland

Adenoma

Carcinoma

Note: [ADENOMA] TGLs = 2-8.2

Note: [CARCINOMA] TGLs = 1-8.1

Kidney

Interstit Tiss

Inflammation

Nephropathy

Mild

Mild

Note: INFLAMMATION TGLs = 17-5

Liver

Basophilic Focus

Eosinophilic Focus

Hematopoietic Cell Proliferation

Hepatocellular Carcinoma

Mixed Cell Focus

Necrosis

Neoplastic Nodule

Moderate

Mild

Mild

Minimal

Focal, Moderate

Note: NECROSIS TGLs = 10-3.1

Note: BASOPH FOCUS TGLs = 11,12,13,14-3.1+3.2

Note: HEPATOCLR CARC TGLs = 15-3.2

[Hematopoietic Cell Proliferation TGLS = 14-3.2]

Lung

Infiltration Cellular

Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 371

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Moribund

DAY ON TEST: 715
HISTO: 251949

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland	Duct	Ectasia Sarcoma	Mild
Note: SARCOMA TGLs = 4-13 Note: ECTASIA TGLs = 3-10			
Pituitary Gland [Cyst TGLS = 8-2]		Cyst	
Skin Note: SQUAM CEL CARC TGLs = 16-14		Squamous Cell Carcinoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus Note: POLYP STROMAL TGLs = 5-8		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 372

TRT#: 6

SEX: Female

DAY ON TEST: 567

DOSE: 0.03

DISP: Moribund

HISTO: 251950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Clitoral Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-8.1			
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Marked
		Eosinophilic Focus	Mild
		Necrosis	Coagulative, Multifocal, Minimal
Note: [BASOPH FOCUS] TGLs = 3-3.1			
Note: NECROSIS TGLs = 3,4-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL TGLs = 7-4+4.1			
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 10-14			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 8-2		Cyst	
Skin	Subcut Tiss	Fibroma	
Note: [FIBROMA] TGLs = 6-13			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 9-3			
Thyroid Gland		Ultimobranchial Cyst	
Uterus		Hydrometra	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 372

TRT#: 6

SEX: Female

DAY ON TEST: 567

DOSE: 0.03

DISP: Moribund

HISTO: 251950

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYDROMETRA TGLs = 2-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 373

TRT#: 6

SEX: Female

DAY ON TEST: 715

DOSE: 0.03

DISP: Moribund

HISTO: 251951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex	Vacuolization Cytoplasmic	Focal, Mild
Clitoral Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-8.1			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-5			
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
		Neoplastic Nodule	
Note: NEOPLASTIC NOD TGLs = 8-3.1			
Note: DEGEN TGLs = 7-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-9			
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-2			
Note: ADENOMA TGLs = 4-2			
Skin		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 6-13			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-3			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 373

TRT#: 6

SEX: Female

DAY ON TEST: 715

DOSE: 0.03

DISP: Moribund

HISTO: 251951

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Leukemia Mononuclear

Zymbal's Gland

Hyperplasia

Squamous, Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 374

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Dead

DAY ON TEST: 494
HISTO: 251952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Lymph Node - Mandibular
Ovary
Skin
Thyroid Gland
Zymbal's Gland

Adrenal Gland - Medulla
Esophagus
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone Marrow
Kidney
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Brain
Lung
Mesentery
Salivary Glands
Thymus
Uterus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum
Intestine Small - Ileum
Spleen

Intestine Large - Colon
Intestine Small - Jejunum

Intestine Large - Rectum
Islets, Pancreatic

Intestine Small - Duodenum
Pancreas

OBSERVATIONS

Heart
Liver
Nose

Cardiomyopathy
Fatty Change
Inflammation

Mild
Multifocal, Minimal
Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 375

TRT#: 6

SEX: Female

DAY ON TEST: 582

DOSE: 0.03

DISP: Moribund

HISTO: 251953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Clitoral Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-8.1			
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Mild
		Mixed Cell Focus	Mild
Note: MIXED CL FOCUS TGLs = 2-3.1			
Note: EOSIN FOCUS TGLs = 2-3.1			
[Eosinophilic Focus TGLS = 2-3.1]			
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 376

TRT#: 6

DOSE: 0.03

SEX: Female

DISP: Moribund

DAY ON TEST: 648

HISTO: 251954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Salivary Glands
Thyroid Gland
Zymbal's Gland

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Skin
Trachea

Brain
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Stomach - Forestomach
Urinary Bladder

Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Glandular
Uterus

OBSERVATIONS

Adrenal Gland
Clitoral Gland
Note: CARCINOMA TGLs = 2-8.1

Cortex
Bilateral

Hemorrhage
Carcinoma

Moderate

Heart
Kidney
Liver

Atrium

Cardiomyopathy
Thrombosis
Nephropathy
Basophilic Focus
Leukemia Mononuclear

Mild
Moderate
Mild
Mild

Note: LEUKEMIA MONUC TGLs = 4,5-3.1
Lung
Lymph Node
Mammary Gland
Note: ECTASIA TGLs = 1-10

Mesenteric
Duct

Leukemia Mononuclear
Hemorrhage
Ectasia

Moderate
Mild

Pituitary Gland
Spleen
Thymus

Pars Distalis
Epithel Cell

Adenoma
Cyst
Leukemia Mononuclear
Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 377

TRT#: 6

DOSE: 0.03

SEX: Female

DISP: Moribund

DAY ON TEST: 592

HISTO: 251955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 2-8		
Kidney		Nephropathy	Mild
Liver		Eosinophilic Focus	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6,7-3.1		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-14		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 3-13		
Spleen		Leukemia Mononuclear	
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 378

TRT#: 6

SEX: Female

DAY ON TEST: 637

DOSE: 0.03

DISP: Moribund

HISTO: 251956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Thymus	Thyroid Gland	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Moderate
Clitoral Gland		Hyperplasia	Glandular, Focal, Mild
Heart	Atrium	Thrombosis	Marked
Intestine Large	Cecum	Ulcer	Marked
Kidney		Nephropathy	Mild
Liver		Degeneration	Cystic, Marked
		Fatty Change	Diffuse, Moderate
		Regeneration	Mild
Note: FATTY CHANGE	TGLs = 8-3.1		
Note: DEGEN	TGLs = 6,7,8,9-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 5-9+13		
Nose		Inflammation	Suppurative, Mild
Pituitary Gland		Angiectasis	Mild
		Cyst	
Note: ANGIECTASIS	TGLs = 3-2		
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 2-3		
Stomach	Glandular	Erosion	Mild
	Forestomach	Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 378

TRT#: 6
DOSE: 0.03

SEX: Female
DISP: Moribund

DAY ON TEST: 637
HISTO: 251956

ORGAN AND ACCOUNTABLE SITE STATUS

Note: EROSION TGLs = 12-6

Trachea

Zymbal's Gland

Ectopic Tissue

Carcinoma

Note: CARCINOMA TGLs = 4-10.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 379

TRT#: 6

SEX: Female

DAY ON TEST: 491

DOSE: 0.03

DISP: Moribund

HISTO: 251957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Thymus
Uterus

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Pancreas
Skin
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Eosinophilic Focus
Fatty Change
Infiltration Cellular
Inflammation
Hyperplasia
Pigmentation
Carcinoma

Mild
Mild
Minimal
Diffuse, Minimal
Histiocyte, Minimal
Acute, Mild
Plasma Cell, Moderate
Hemosiderin, Mild

Lung

Alveolus, Peribronchiolr
Mandibular

Lymph Node
Spleen
Zymbal's Gland

Note: CARCINOMA TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 380

TRT#: 6

SEX: Female

DAY ON TEST: 592

DOSE: 0.03

DISP: Moribund

HISTO: 251958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Trachea

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lung
Ovary
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Stomach - Glandular

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Thyroid Gland

OBSERVATIONS

Clitoral Gland
Kidney
Liver

Hyperplasia
Nephropathy
Basophilic Focus
Cyst
Degeneration
Eosinophilic Focus
Hematopoietic Cell Proliferation
Neoplastic Nodule

Glandular, Focal, Mild
Mild
Mild
Cystic, Mild
Minimal
Minimal

Note: DEGEN TGLs = 4,5-3.1+3.2
[Degeneration TGLs = 4,5-3.1+3.2]
[Hematopoietic Cell Proliferation TGLs = 6-3.2]

Mammary Gland

Note: FIBROADENOMA TGLs = 7-14

Pituitary Gland

[Cyst TGLs = 3-2]

Skin

Note: BASAL CEL ADEN TGLs = 1-13

Spleen

Thymus

Uterus

Note: CYST TGLs = 2-8

Zymbal's Gland

Fibroadenoma

Cyst

Basal Cell Adenoma

Hematopoietic Cell Proliferation

Hyperplasia

Cyst

Hyperplasia

Moderate

Mild

Squamous, Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 380

TRT#: 6

SEX: Female

DAY ON TEST: 592

DOSE: 0.03

DISP: Moribund

HISTO: 251958

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 458

TRT#: 8

SEX: Female

DAY ON TEST: 229

DOSE: 0.06

DISP: Dead

HISTO: 252036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
[Angiectasis TGLs = 6-2]			
Clitoral Gland		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-3.1			
Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-13			
Note: LEUKEMIA MONUC TGLs = 4-14			
Ovary		Leukemia Mononuclear	
Pharynx		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-3			
Stomach	Glandular	Erosion	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 458

TRT#: 8
DOSE: 0.06

SEX: Female
DISP: Dead

DAY ON TEST: 229
HISTO: 252036

ORGAN AND ACCOUNTABLE SITE STATUS

Note: EROSION TGLs = 7-6
Thymus
Zymbal's Gland

Leukemia Mononuclear
Hyperplasia

Squamous, Focal, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 464

TRT#: 8
DOSE: 0.06

SEX: Female
DISP: Moribund

DAY ON TEST: 379
HISTO: 252042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Mesentery	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Zymbal's Gland			

OBSERVATIONS

Clitoral Gland	Bilateral	Carcinoma	
Note: CARCINOMA	TGLs = 3-8.1		
Intestine Large	Colon	Parasite Metazoan	Mild
Intestine Small	Ileum	Parasite Metazoan	Mild
Kidney		Nephropathy	Minimal
Liver	Centrilobular	Eosinophilic Focus	Mild
		Necrosis	Coagulative, Mild
[Necrosis TGLS = 5-3.1]			
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 6-4+4.1]			
Lymph Node	Iliac, Sinus	Ectasia	Moderate
Note: ECTASIA	TGLs = 4-14		
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 7-3]			
Stomach	Glandular	Erosion	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 466

TRT#: 8

SEX: Female

DAY ON TEST: 412

DOSE: 0.06

DISP: Moribund

HISTO: 252044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Mesentery
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Cortex	Necrosis	Focal, Minimal
Bone Marrow		Histiocytic Sarcoma	
Intestine Small	Duodenum	Adenocarcinoma	Cystic, Mucinous
Note: ADENOCARC TGLs = 4-6.1			
Kidney		Nephropathy	Mild
Liver		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-3.1			
Lung		Histiocytic Sarcoma	
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular, Sinus	Ectasia	Mild
	Mediastinal	Hemorrhage	Mild
	Mesenteric	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
Note: HEMORRHAGE TGLs = 3-14			
Note: HYPERPLASIA TGLs = 3-14			
Spleen		Histiocytic Sarcoma	
Thymus	Epithel Cell	Hyperplasia	Mild
Zymbal's Gland		Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 471

TRT#: 8

DOSE: 0.06

SEX: Female

DISP: Dead

DAY ON TEST: 339

HISTO: 252049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Nose
Salivary Glands
Thymus
Uterus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Ovary
Skin
Thyroid Gland
Zymbal's Gland

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

OBSERVATIONS

Clitoral Gland
Note: CARCINOMA TGLs = 1-8.1

Kidney
Liver

Carcinoma
Nephropathy
Degeneration
Eosinophilic Focus
Hematopoietic Cell Proliferation
Mixed Cell Focus

Mild
Cystic, Minimal
Mild
Minimal
Mild

Note: MIXED CL FOCUS TGLs = 3-3.1
Note: EOSIN FOCUS TGLs = 3-3.1

[Hematopoietic Cell Proliferation TGLS = 3-3.1]

Lung Alveolar Epith

Hyperplasia
Infiltration Cellular

Focal, Minimal
Histiocyte, Minimal

Note: INFILTRAT CELL TGLs = 4-4+4.1

Lymph Node Mediastinal
Pituitary Gland Pars Distalis
Spleen

Hemorrhage
Hyperplasia
Hematopoietic Cell Proliferation

Mild
Focal, Mild
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 472	TRT#: 8	SEX: Female	DAY ON TEST: 372
	DOSE: 0.06	DISP: Dead	HISTO: 252050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Intestine Large Note: POLYP ADENOMAT TGLs = 2-7.1	Rectum	Polyp Adenomatous	
Kidney		Nephropathy	Moderate
Liver		Eosinophilic Focus	Mild
	Centrilobular	Necrosis	Coagulative, Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose		Inflammation	Suppurative, Moderate
Pharynx Note: SQUAM CEL CARC TGLs = 1-12+12.1		Squamous Cell Carcinoma	
Stomach	Glandular	Erosion	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 474

TRT#: 8

SEX: Female

DAY ON TEST: 355

DOSE: 0.06

DISP: Moribund

HISTO: 252052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-8		
Kidney		Nephropathy	Mild
Liver		Eosinophilic Focus	Mild
Lung	Alveolar Epith	Hyperplasia	Multifocal, Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA	TGLs = 2-9		
Nose		Inflammation	Suppurative, Mild
Pituitary Gland		Cyst	
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 3-10.1+12.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 475

TRT#: 8

SEX: Female

DAY ON TEST: 421

DOSE: 0.06

DISP: Moribund

HISTO: 252053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-8		
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-5		
Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lung			
Note: INFILTRAT CELL	TGLs = 3-4+4.1		
Pituitary Gland		Pigmentation	Hemosiderin, Mild
Spleen		Pigmentation	Hemosiderin, Moderate
Tongue		Squamous Cell Papilloma	
Note: SQ CL PAPILOM	TGLs = 5-13		
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 4-10		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 476

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.06

DISP: Dead

HISTO: 252054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Atrophy	Moderate
Clitoral Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-8.2			
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Marked
		Eosinophilic Focus	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Coagulative, Multifocal, Minimal
Note: EOSIN FOCUS TGLs = 5-3.1			
Note: [BASOPH FOCUS] TGLs = 6-3.1			
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL TGLs = 7-4+4.1			
Mesentery		Schwannoma Malignant	
Note: [SCHWANNOMA MAL] TGLs = 4-14			
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 1-8.2			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 9-3			
Stomach	Glandular	Erosion	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 476

TRT#: 8
DOSE: 0.06

SEX: Female
DISP: Dead

DAY ON TEST: 456
HISTO: 252054

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus
Note: POLYP STROMAL TGLs = 2-8.1

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 478

TRT#: 8

SEX: Female

DAY ON TEST: 186

DOSE: 0.06

DISP: Moribund

HISTO: 252056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Nose
Pituitary Gland
Spleen
Thyroid Gland
Zymbal's Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Ovary
Salivary Glands
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Pancreas
Skin
Stomach - Glandular
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Mesentery
Parathyroid Gland
Spinal Cord
Thymus
Uterus

OBSERVATIONS

Liver Mixed Cell Focus

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 480

TRT#: 8

SEX: Female

DAY ON TEST: 477

DOSE: 0.06

DISP: Moribund

HISTO: 252058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

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

Brain
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Skin
Thymus
Uterus

Esophagus
Intestine Small - Duodenum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Thyroid Gland

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland

Cortex

Angiectasis

Mild

Cortex

Vacuolization Cytoplasmic

Focal, Mild

Clitoral Gland

Bilateral

Carcinoma

Note: CARCINOMA TGLs = 2,3-8.1+8.2

Kidney

Karyomegaly

Minimal

Nephropathy

Moderate

Liver

Basophilic Focus

Mild

Eosinophilic Focus

Mild

Hepatodiaphragmatic Nodule

Note: ANOM HEPAT LOB TGLs = 7-3.1

Lung

Infiltration Cellular

Histiocyte, Minimal

Lymph Node

Mediastinal

Hemorrhage

Moderate

Mandibular

Hyperplasia

Plasma Cell, Marked

Note: HYPERPLASIA TGLs = 6-9

Pharynx

Note: SQUAM CEL CARC TGLs = 5-13

Tooth

Odontoma

Zymbal's Gland

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 481

TRT#: 8

SEX: Female

DAY ON TEST: 413

DOSE: 0.06

DISP: Moribund

HISTO: 252059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 8-8.1		
Kidney		Karyomegaly	Minimal
		Nephropathy	Mild
		Basophilic Focus	Mild
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
		Mixed Cell Focus	Moderate
		Necrosis	Coagulative, Minimal
	Centrilobular		
Note: MIXED CL FOCUS	TGLs = 4-3.1		
[Mixed Cell Focus	TGLS = 4-3.1]		
Pituitary Gland		Cyst	
Note: CYST	TGLs = 2-2		
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 3-3		
Thymus		Hyperplasia	Mild
Uterus		Hydrometra	Mild
Note: HYDROMETRA	TGLs = 6,7-8		
Zymbal's Gland		Hyperplasia	Squamous, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 482

TRT#: 8

SEX: Female

DAY ON TEST: 411

DOSE: 0.06

DISP: Moribund

HISTO: 252060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Thyroid Gland
Zymbal's Gland

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Pancreas
Skin
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Pituitary Gland
Stomach - Glandular
Uterus

OBSERVATIONS

Clitoral Gland

Adenoma
Carcinoma

Note: CARCINOMA TGLs = 1-8

Kidney
Liver

Nephropathy
Basophilic Focus
Degeneration
Eosinophilic Focus
Hematopoietic Cell Proliferation
Mixed Cell Focus
Neoplastic Nodule

Moderate
Moderate
Cystic, Minimal
Mild
Minimal
Mild

[Degeneration TGLS = 3-3.1]
[Eosinophilic Focus TGLS = 3-3.1]
[Mixed Cell Focus TGLS = 3-3.1]

Lung
Lymph Node
Spleen

Alveolar Epith
Mandibular

Hyperplasia
Hyperplasia
Hematopoietic Cell Proliferation

Focal, Minimal
Plasma Cell, Mild
Marked

[Hematopoietic Cell Proliferation TGLS = 2-3]

Thymus

Epithel Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 483

TRT#: 8

SEX: Female

DAY ON TEST: 433

DOSE: 0.06

DISP: Moribund

HISTO: 252061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Thymus
Uterus

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lung
Pancreas
Skin
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Clitoral Gland
Kidney

Adenoma
Karyomegaly
Nephropathy

Minimal
Moderate

Note: NEPHROPATHY TGLs = 1-5

Liver

Note: EOSIN FOCUS TGLs = 2-3.1

Eosinophilic Focus

Mild

Lymph Node

Mandibular

Hyperplasia

Plasma Cell, Marked

Nose

Hemorrhage

Minimal

Spleen

Pigmentation

Hemosiderin, Mild

Zymbal's Gland

Carcinoma

Note: CARCINOMA TGLs = 3-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 484

TRT#: 8

SEX: Female

DAY ON TEST: 501

DOSE: 0.06

DISP: Moribund

HISTO: 252062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland Note: VACUOLIZ CYTO TGLs = 1-2	Bilateral, Cortex	Vacuolization Cytoplasmic	Multifocal, Moderate
Bone Marrow		Atrophy	Moderate
Clitoral Gland Note: ECTASIA TGLs = 2-8	Duct	Ectasia	Moderate
Kidney Note: NEPHROPATHY TGLs = 3,4-5		Nephropathy	Marked
Liver Note: EOSIN FOCUS TGLs = 5,6,7-3.1+3.2 [Degeneration TGLS = 5-3.1+3.2] [Eosinophilic Focus TGLS = 5,6,7-3.1+3.2]		Basophilic Focus Degeneration Eosinophilic Focus Fatty Change	Moderate Cystic, Minimal Mild Multifocal, Minimal
Lung	Alveolar Epith	Hyperplasia Infiltration Cellular	Focal, Mild Histiocyte, Minimal
Pharynx Note: SQ CL PAPILOM TGLs = 8-12+12.1		Squamous Cell Papilloma	
Stomach	Forestomach Forestomach	Hyperplasia Ulcer	Moderate Moderate
Zymbal's Gland		Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 485

TRT#: 8

SEX: Female

DAY ON TEST: 551

DOSE: 0.06

DISP: Moribund

HISTO: 252063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Pituitary Gland
Thyroid Gland
Zymbal's Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Mammary Gland
Salivary Glands
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Stomach - Forestomach
Urinary Bladder

Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Parathyroid Gland
Stomach - Glandular
Uterus

OBSERVATIONS

Adrenal Gland
Bone
Kidney
 Note: NEPHROPATHY TGLs = 1,2-5
Liver

 Note: DEGEN TGLs = 3-3.1
 Note: MIXED CL FOCUS TGLs = 3,4-3.1
 Note: EOSIN FOCUS TGLs = 4-3.1

Cortex
Cranium

Alveolar Epith
Mandibular
Mesenteric
Bilateral, Periovarn Tiss

Angiectasis
Fibrous Osteodystrophy
Nephropathy

Degeneration
Eosinophilic Focus
Mixed Cell Focus

Mild
Moderate
Marked

Cystic, Mild
Moderate
Mild

Lung
Lymph Node

Ovary
 Note: CYST TGLs = 6-8
Pancreas
Skin
 Note: [ACANTHOSIS] TGLs = 5-13
Spleen
Thymus

Hyperplasia
Hemorrhage
Hemorrhage
Cyst

Necrosis
Acanthosis

Depletion Lymphoid
Ectopic Parathyroid Gland
Hyperplasia

Focal, Minimal
Mild
Mild

Focal, Mild
Focal, Mild

Moderate

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 486

TRT#: 8

SEX: Female

DAY ON TEST: 488

DOSE: 0.06

DISP: Moribund

HISTO: 252064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Esophagus	Heart	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
Thymus	Trachea	Urinary Bladder	Uterus
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia	
	Medulla	Leukemia	
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone Marrow		Leukemia	
		Myelofibrosis	Moderate
Clitoral Gland	Duct	Ectasia	Mild
Note: ECTASIA TGLs = 1-8			
Intestine Large	Colon	Polyp Adenomatous	
Note: [POLYP ADENOMAT] TGLs = 5-7			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 6-5			
Liver		Basophilic Focus	Moderate
		Eosinophilic Focus	Moderate
		Leukemia	
		Necrosis	Coagulative, Multifocal, Mild
		Neoplastic Nodule	
		Regeneration	Moderate
Note: [BASOPH FOCUS] TGLs = 7,8-3.1			
Note: NEOPLASTIC NOD TGLs = 7,8-3.1			
Note: REGENERATION TGLs = 9-3.1			
Lung		Leukemia	
Note: LEUKEMIA TGLs = 10-4+4.1			
Lymph Node	Mandibular	Leukemia	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 486	TRT#: 8	SEX: Female	DAY ON TEST: 488
	DOSE: 0.06	DISP: Moribund	HISTO: 252064

ORGAN AND ACCOUNTABLE SITE STATUS

Mediastinal	Leukemia
Mesenteric	Leukemia
Pancreatic	Leukemia
Renal	Leukemia

Note: LEUKEMIA TGLs = 14-7
Note: LEUKEMIA TGLs = 12-6
Note: LEUKEMIA TGLs = 11-14

Mesentery Leukemia

Note: LEUKEMIA TGLs = 3-13

Pancreas Leukemia

Pituitary Gland Cyst

Note: CYST TGLs = 13-2

Spleen Leukemia

Note: LEUKEMIA TGLs = 2,4-3

Stomach Glandular Leukemia

Thyroid Gland C Cell Adenoma

PRIMARY CAUSE OF DEATH -

Animal Note: NOT MONONUCLEAR CELL LEUKEMIA.

Animal Note: LEUKEMIA HAS UNUSUAL FEATURES.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 487

TRT#: 8

SEX: Female

DAY ON TEST: 383

DOSE: 0.06

DISP: Dead

HISTO: 252065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Thyroid Gland

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Pancreas
Skin
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Pituitary Gland
Stomach - Glandular
Uterus

MISSING

Thymus

OBSERVATIONS

Clitoral Gland
Note: CARCINOMA TGLs = 2-8.1
Kidney
Liver
Lung
Lymph Node
Note: HYPERPLASIA TGLs = 1-9
Note: HEMORRHAGE TGLs = 1-9
Spleen
Zymbal's Gland
Note: CARCINOMA TGLs = 3-10.1

Mandibular
Mandibular

Carcinoma
Karyomegaly
Nephropathy
Eosinophilic Focus
Congestion
Hemorrhage
Hyperplasia
Depletion Lymphoid
Carcinoma
Minimal
Moderate
Moderate
Moderate
Mild
Plasma Cell, Moderate
Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 488

TRT#: 8

SEX: Female

DAY ON TEST: 475

DOSE: 0.06

DISP: Dead

HISTO: 252066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
---------------	--------

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone	Cartilage, Sternum	Degeneration	Moderate
	Cranium	Fibrous Osteodystrophy	Moderate
	Sternum	Fibrous Osteodystrophy	Mild
Clitoral Gland		Adenoma	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Moderate
Note: EOSIN FOCUS	TGLs = 2-3.1+3.2		
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mesenteric	Hemorrhage	Mild
	Mesenteric	Infiltration Cellular	Mast Cell, Moderate
Parathyroid Gland		Hyperplasia	Moderate
Spleen	Red Pulp	Atrophy	Moderate
		Depletion Lymphoid	Moderate
Stomach	Glandular	Mineralization	Moderate
Zymbal's Gland		Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 489

TRT#: 8

SEX: Female

DAY ON TEST: 411

DOSE: 0.06

DISP: Moribund

HISTO: 252067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Intestine Large	Rectum	Diverticulum	Marked
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 7-5		
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Mild
		Hepatodiaphragmatic Nodule	
Note: DEGEN	TGLs = 6-3.1		
Note: ANOM HEPAT LOB	TGLs = 4-3.1		
Note: BASOPH FOCUS	TGLs = 5-3.1		
Note: EOSIN FOCUS	TGLs = 5-3.1		
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC	TGLs = 8-13		
Nose		Hemorrhage	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2,3-2		
Skeletal Muscle		Adenocarcinoma	Metastatic (Mammary Gland)
Note: ADENOCARC	TGLs = 9-14		
Stomach	Glandular	Degeneration	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 489

TRT#: 8
DOSE: 0.06

SEX: Female
DISP: Moribund

DAY ON TEST: 411
HISTO: 252067

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Carcinoma	
		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 490

TRT#: 8

SEX: Female

DAY ON TEST: 344

DOSE: 0.06

DISP: Moribund

HISTO: 252068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mesentery
Parathyroid Gland
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Nose
Pituitary Gland
Thyroid Gland
Zymbal's Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Ovary
Salivary Glands
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pancreas
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Clitoral Gland
Kidney
Liver
[Basophilic Focus TGLS = 2-3.1]
[Eosinophilic Focus TGLS = 2-3.1]
Lung
[Infiltration Cellular TGLS = 5-4+4.1]
Skin
Note: [BASAL CEL CARC] TGLs = 7-10.1
Spleen
[Hematopoietic Cell Proliferation TGLS = 8-3]
Thymus

Duct
Alveolar Epith
Epithel Cell

Ectasia
Nephropathy
Basophilic Focus
Eosinophilic Focus
Hyperplasia
Infiltration Cellular
Basal Cell Carcinoma
Hematopoietic Cell Proliferation
Hyperplasia

Moderate
Minimal
Moderate
Moderate
Multifocal, Minimal
Histiocyte, Minimal
Marked
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 491

TRT#: 8

SEX: Female

DAY ON TEST: 403

DOSE: 0.06

DISP: Moribund

HISTO: 252069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Kidney	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Clitoral Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-8.1			
Liver		Clear Cell Focus	Minimal
		Eosinophilic Focus	Mild
		Fatty Change	Focal, Minimal
		Hematopoietic Cell Proliferation	Minimal
		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 3-3.1 [Hepatodiaphragmatic Nodule TGLS = 4-3.1]			
Lung		Carcinoma	Metastatic (Clitoral Gland)
		Infiltration Cellular	Histiocyte, Minimal
Note: CARCINOMA TGLs = 5-4			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Skin		Squamous Cell Papilloma	
Note: SQ CL PAPILOM TGLs = 6-13			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 2-3			
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 492

TRT#: 8

SEX: Female

DAY ON TEST: 433

DOSE: 0.06

DISP: Moribund

HISTO: 252070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Small - Duodenum
Mammary Gland
Skin
Thyroid Gland

Adrenal Gland - Medulla
Heart
Intestine Small - Ileum
Nose
Spleen
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Pancreas
Stomach - Forestomach

Brain
Intestine Large - Rectum
Lung
Salivary Glands
Stomach - Glandular

MISSING

Intestine Large - Colon
Ovary
Urinary Bladder

Islets, Pancreatic
Parathyroid Gland
Uterus

Lymph Node - Mandibular
Pituitary Gland
Zymbal's Gland

Lymph Node - Mesenteric
Thymus

OBSERVATIONS

Bone
Clitoral Gland
 Note: [HYPERPLASIA] TGLs = 2-8
Kidney
 Note: NEPHROPATHY TGLs = 5-5
Liver

 Note: MIXED CL FOCUS TGLs = 4-3.1
 Note: EOSIN FOCUS TGLs = 4-3.1

Cranium

Fibrous Osteodystrophy
Hyperplasia

Nephropathy

Basophilic Focus
Eosinophilic Focus
Mixed Cell Focus

Moderate
Glandular, Focal, Mild

Marked

Minimal
Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 493

TRT#: 8

SEX: Female

DAY ON TEST: 545

DOSE: 0.06

DISP: Moribund

HISTO: 252071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Clitoral Gland		Adenoma	
		Carcinoma	
Note: CARCINOMA	TGLs = 1-8.1		
Note: ADENOMA	TGLs = 1-8.1		
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Marked
		Hematopoietic Cell Proliferation	Minimal
[Hematopoietic Cell Proliferation TGLS = 2,3-3.1]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-3]			
Zymbal's Gland		Hyperplasia	Squamous, Focal, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 494

TRT#: 8

SEX: Female

DAY ON TEST: 413

DOSE: 0.06

DISP: Moribund

HISTO: 252072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Uterus	Zymbal's Gland		

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[Hepatodiaphragmatic Nodule TGLS = 3-3.1]		
	[Leukemia Mononuclear TGLS = 4-3.1]		
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 6-13		
Note: LEUKEMIA MONUC	TGLs = 5-13		
Ovary	Periovarn Tiss	Cyst	
Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-3]		

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 495

TRT#: 8

DOSE: 0.06

SEX: Female

DISP: Moribund

DAY ON TEST: 501

HISTO: 252073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Pituitary Gland
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Pancreas
Skin
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Kidney
Liver

Nephropathy
Degeneration
Eosinophilic Focus
Hepatocellular Carcinoma

Moderate
Cystic, Moderate
Moderate

Note: DEGEN TGLs = 2-3.1
[Degeneration TGLS = 2-3.1]
[Eosinophilic Focus TGLS = 1-3.2]

Lung

Alveolar Epith

Alveolar/Bronchiolar Adenoma
Hyperplasia
Infiltration Cellular

Multifocal, Mild
Histiocyte, Minimal

Note: INFILTRAT CELL TGLs = 3-4+4.1
[Infiltration Cellular TGLS = 4-4.1]

Lymph Node

Mediastinal
Mandibular

Hemorrhage
Hyperplasia
Hematopoietic Cell Proliferation
Carcinoma

Mild
Plasma Cell, Moderate
Moderate

Spleen
Zymbal's Gland

Note: CARCINOMA TGLs = 5-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 496

TRT#: 8

SEX: Female

DAY ON TEST: 413

DOSE: 0.06

DISP: Moribund

HISTO: 252074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pancreas
Skin
Thyroid Gland

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

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Ovary
Salivary Glands
Stomach - Glandular
Uterus

OBSERVATIONS

Kidney
[Nephropathy TGLS = 3-5]
Liver
[Fatty Change TGLS = 4-3.1]
[Mixed Cell Focus TGLS = 4-3.1]
Lymph Node
Thymus
Tooth
Note: [ODONTOMA] TGLs = 1-10.1
Zymbal's Gland
Note: CARCINOMA TGLs = 2-10

Mandibular
Epithel Cell

Nephropathy
Eosinophilic Focus
Fatty Change
Mixed Cell Focus
Hyperplasia
Hyperplasia
Odontoma
Carcinoma

Marked
Mild
Multifocal, Minimal
Mild
Plasma Cell, Marked
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 497 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 599
DOSE: 0.06 **DISP:** Dead **HISTO:** 252075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Necrosis	Multifocal, Moderate
Bone	Cranium	Fibrous Osteodystrophy	Moderate
	Sternum	Fibrous Osteodystrophy	
Clitoral Gland	Duct	Ectasia	Mild
Note: ECTASIA TGLs = 2-8			
Intest Small			
Note: AGONAL INTUSSUSCEPTION. NO DIAGNOSIS.			
Note: JEJUNAL INTUSSUSCEPTION IN SLIDE #6.			
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 1-5			
Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	
Note: EOSIN FOCUS TGLs = 5-3.1			
Note: [HEPATOCLR CARC] TGLs = 3,4-3.1			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Infiltration Cellular	Histiocyte, Minimal
Note: HYPERPLASIA TGLs = 6-4.1			
[Hyperplasia TGLS = 6-4+4.1]			
Lymph Node	Mediastinal	Hemorrhage	Mild
Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 7-2]			
Stomach	Forestomach	Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 497

TRT#: 8

SEX: Female

DAY ON TEST: 599

DOSE: 0.06

DISP: Dead

HISTO: 252075

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMORRHAGE TGLs = 10-6

Thyroid Gland

C Cell

Adenoma

Zymbal's Gland

Ectasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 498

TRT#: 8

SEX: Female

DAY ON TEST: 258

DOSE: 0.06

DISP: Moribund

HISTO: 252076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Spleen
Thyroid Gland
Zymbal's Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Skin
Thymus
Uterus

OBSERVATIONS

Kidney
Liver
 [Eosinophilic Focus TGLS = 5,6-3.1]
Lymph Node
 Note: [SCHWANNOMA MAL] TGLs = 3-14
Peripheral Nerve
 Note: [SCHWANNOMA MAL] TGLs = 4-15+15.1+15.2+15.3
Pituitary Gland
 [Cyst TGLS = 2-2]

Nephropathy
Eosinophilic Focus

Schwannoma Malignant

Schwannoma Malignant

Cyst

Mild
Mild

Metastatic (Peripheral Nerve)

PRIMARY CAUSE OF DEATH

-

Animal Note: SCIATIC NERVE EXAMINED: NORMAL.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 499

TRT#: 8

SEX: Female

DAY ON TEST: 458

DOSE: 0.06

DISP: Dead

HISTO: 252077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Esophagus
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Trachea
Urinary Bladder	Uterus	Zymbal's Gland	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone	Cranium	Fibrous Osteodystrophy	Mild
Clitoral Gland	Duct	Ectasia	Marked
Note: ECTASIA	TGLs = 1-8		
Heart		Mineralization	Mild
Intestine Large	Colon	Hemorrhage	Minimal
Note: HEMORRHAGE	TGLs = 7-7		
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Kidney		Hydronephrosis	Minimal
	Renal Tubule	Hyperplasia	Focal, Minimal
		Nephropathy	Marked
Note: HYDRONEPHROSIS	TGLs = 3-5		
Note: NEPHROPATHY	TGLs = 2-5		
Liver		Eosinophilic Focus	Moderate
		Mixed Cell Focus	Mild
Note: MIXED CL FOCUS	TGLs = 4-3.1		
Note: EOSIN FOCUS	TGLs = 4-3.1		
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Multifocal, Mild
		Infiltration Cellular	Histiocyte, Minimal
Note: ALV BRON ADEN	TGLs = 6-4		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 499	TRT#: 8 DOSE: 0.06	SEX: Female DISP: Dead	DAY ON TEST: 458 HISTO: 252077
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ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mediastinal	Hemorrhage	Moderate
Parathyroid Gland		Hyperplasia	Moderate
Spleen		Pigmentation	Hemosiderin, Mild
Stomach	Glandular	Mineralization	Moderate
Thyroid Gland		Ultimobranchial Cyst	
Tissue NOS		Mineralization	Moderate

Note: TISSUE NOS = ARTERY.

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 500

TRT#: 8

SEX: Female

DAY ON TEST: 276

DOSE: 0.06

DISP: Moribund

HISTO: 252078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Zymbal's Gland			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland [Necrosis TGLS = 4-2]	Bilateral, Cortex	Necrosis	Focal, Moderate
Brain [Hemorrhage TGLS = 9,12-1]		Hemorrhage Leukemia Mononuclear	Moderate
Eye Note: INFLAMMATION TGLs = 8-13	Antr Chamber	Inflammation	Suppurative, Mild
Kidney		Nephropathy	Mild
Liver		Eosinophilic Focus Leukemia Mononuclear	Moderate
Lung Note: HEMORRHAGE TGLs = 7-4+4.1		Hemorrhage Leukemia Mononuclear	Mild
Lymph Node Note: HEMORRHAGE TGLs = 5-9 Note: LEUKEMIA MONUC TGLs = 5-9	Mediastinal Iliac Mediastinal Mesenteric	Hemorrhage Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 500

TRT#: 8

SEX: Female

DAY ON TEST: 276

DOSE: 0.06

DISP: Moribund

HISTO: 252078

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 3-7

Note: BRONCHIAL LYMPH NODE EXAMINED: NORMAL.

[Leukemia Mononuclear TGLS = 10-7]

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 1,2-3

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 501

TRT#: 8

SEX: Female

DAY ON TEST: 433

DOSE: 0.06

DISP: Moribund

HISTO: 252079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone Marrow

Esophagus

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lymph Node - Mandibular

Lymph Node - Mesenteric

Mammary Gland

Nose

Ovary

Pancreas

Parathyroid Gland

Pituitary Gland

Salivary Glands

Skin

Stomach - Forestomach

Stomach - Glandular

Thyroid Gland

Trachea

Urinary Bladder

Uterus

Zymbal's Gland

OBSERVATIONS

Brain

Oligodendroglioma Malignant

[Oligodendroglioma Malignant TGLS = 3-1]

Clitoral Gland

Hyperplasia

Glandular, Focal, Mild

Kidney

Karyomegaly

Minimal

Liver

Nephropathy

Moderate

Eosinophilic Focus

Mild

Fatty Change

Focal, Minimal

Hepatodiaphragmatic Nodule

Inflammation

Granulomatous, Multifocal, Minimal

Mixed Cell Focus

Mild

Note: EOSIN FOCUS TGLs = 2-3.1

[Eosinophilic Focus TGLS = 2-3.1]

[Fatty Change TGLS = 1-3.1]

[Inflammation TGLS = 2-3.1]

Lung

Infiltration Cellular

Histiocyte, Minimal

Spleen

Pigmentation

Hemosiderin, Mild

Thymus

Epithel Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 502

TRT#: 8

DOSE: 0.06

SEX: Female

DISP: Moribund

DAY ON TEST: 454

HISTO: 252080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Thymus
Uterus

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Pituitary Gland
Stomach - Glandular
Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Clitoral Gland
[Adenoma TGLS = 1-8]
Kidney
[Nephropathy TGLS = 2,3-5]
Liver
[Eosinophilic Focus TGLS = 5-3.1]
[Hematocyst TGLS = 4-3.1]
Lung
[Alveolar/Bronchiolar Adenoma TGLS = 6-4]
[Infiltration Cellular TGLS = 7-4+4.1]
Skin
[Basal Cell Adenoma TGLS = 10-13]
Zymbal's Gland
[Carcinoma TGLS = 8,9-10]

Adenoma
Nephropathy Moderate
Basophilic Focus Mild
Eosinophilic Focus Mild
Hematocyst
Alveolar/Bronchiolar Adenoma
Infiltration Cellular Histiocyte, Minimal
Basal Cell Adenoma
Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 503

TRT#: 8

SEX: Female

DAY ON TEST: 551

DOSE: 0.06

DISP: Moribund

HISTO: 252081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Bone	Cranium	Fibrous Osteodystrophy	Moderate
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 3-8.1		
Heart		Cardiomyopathy	Minimal
Intestine Large	Cecum	Ulcer	Marked
Note: ULCER	TGLs = 11,12-7		
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 5,6-5		
Liver	Bile Duct	Cyst	
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	Moderate
		Mixed Cell Focus	Marked
Note: CYST	TGLs = 8-3.1		
Note: EOSIN FOCUS	TGLs = 7-3.1		
Note: DEGEN	TGLs = 8-3.1		
Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	Multiple
		Hyperplasia	Focal, Moderate
		Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL	TGLs = 9-4+4.1		
Note: ALV BRON ADEN	TGLs = 9-4+4.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 503

TRT#: 8
DOSE: 0.06

SEX: Female
DISP: Moribund

DAY ON TEST: 551
HISTO: 252081

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mesenteric	Hemorrhage	Mild
Salivary Glands	Acinus	Atrophy	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 4-8			
Zymbal's Gland		Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 504

TRT#: 8

SEX: Female

DAY ON TEST: 578

DOSE: 0.06

DISP: Dead

HISTO: 252082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Zymbal's Gland			

MISSING

Parathyroid Gland	Thymus
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AUTO PRECLUDES DIAG.

Intestine Large - Colon

OBSERVATIONS

Adrenal Gland [Angiectasis TGLS = 4-2]	Cortex	Angiectasis	Moderate
Bone Marrow		Atrophy	Moderate
Clitoral Gland Note: CARCINOMA TGLs = 1-8.1		Carcinoma	
Heart	Atrium	Thrombosis	Moderate
Kidney Note: NEPHROPATHY TGLs = 5-5		Nephropathy	Moderate
Liver Note: NECROSIS TGLs = 6,8-3.1 [Fatty Change TGLS = 7-3.1] [Necrosis TGLS = 6-3.1]	Centrilobular Centrilobular	Fatty Change Necrosis Neoplastic Nodule	Mild Coagulative, Moderate
Lung Note: HYPERPLASIA TGLs = 11-4 [Hyperplasia TGLS = 10-4+4.1]	Alveolar Epith	Hyperplasia Infiltration Cellular	Multifocal, Moderate Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 504

TRT#: 8
DOSE: 0.06

SEX: Female
DISP: Dead

DAY ON TEST: 578
HISTO: 252082

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mandibular	Hemorrhage	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 505

TRT#: 8

DOSE: 0.06

SEX: Female

DISP: Moribund

DAY ON TEST: 501

HISTO: 252083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Thyroid Gland
Zymbal's Gland

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Spleen
Urinary Bladder

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Stomach - Forestomach
Uterus

OBSERVATIONS

Bone
Clitoral Gland
 Note: ADENOMA TGLs = 1-8
Kidney
 [Nephropathy TGLS = 2,3-5]
Liver

 Note: DEGEN TGLs = 5-3.1
 [Eosinophilic Focus TGLS = 5-3.1]
 [Neoplastic Nodule TGLS = 6-3.1]
Parathyroid Gland
Skin
 Note: BASAL CEL ADEN TGLs = 7-13
Stomach
Thymus

Cranium

Glandular
Epithel Cell

Fibrous Osteodystrophy
Adenoma

Nephropathy

Degeneration
Eosinophilic Focus
Neoplastic Nodule

Hyperplasia
Basal Cell Adenoma

Mineralization
Hyperplasia

Moderate

Marked

Cystic, Minimal
Moderate

Moderate

Moderate
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 506

TRT#: 8

SEX: Female

DAY ON TEST: 486

DOSE: 0.06

DISP: Dead

HISTO: 252084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Trachea	Urinary Bladder
Uterus	Zymbal's Gland		

MISSING

Mammary Gland

OBSERVATIONS

Bone	Cranium	Fibrous Osteodystrophy	Moderate
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-8		
Heart		Mineralization	Moderate
Intestine Large	Colon	Adenocarcinoma	Cystic, Mucinous
	Cecum	Hemorrhage	Mild
Note: ADENOCARC	TGLs = 7-7		
Note: HEMORRHAGE	TGLs = 8-7		
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 2-5		
Liver		Angiectasis	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Moderate
Note: ANGIECTASIS	TGLs = 4-3.1		
Note: DEGEN	TGLs = 3-3.1		
Note: EOSIN FOCUS	TGLs = 3-3.1		
Lung		Mineralization	Moderate
Parathyroid Gland		Hyperplasia	Mild
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN	TGLs = 5-13		
Spleen		Depletion Lymphoid	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 506	TRT#: 8	SEX: Female	DAY ON TEST: 486
	DOSE: 0.06	DISP: Dead	HISTO: 252084

ORGAN AND ACCOUNTABLE SITE STATUS

Note: DEPLET LYMPH	TGLs = 6-3			
Stomach		Glandular	Mineralization	Moderate
Thymus		Epithel Cell	Hyperplasia	Mild
Thyroid Gland		C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 507

TRT#: 8

SEX: Female

DAY ON TEST: 355

DOSE: 0.06

DISP: Moribund

HISTO: 252085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Minimal
Clitoral Gl			
Note: GROSSLY NOTED MASSES WERE MAMMARY ADENOCARCINOMAS.			
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 4-5		
Liver		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Coagulative, Multifocal, Minimal
Note: EOSIN FOCUS	TGLs = 3-3.1		
Note: NECROSIS	TGLs = 3-3.1		
Mammary Gland		Adenocarcinoma	Multiple
Note: ADENOCARC	TGLs = 2-8.1		
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-2]			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 6-3		
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 508

TRT#: 8

SEX: Female

DAY ON TEST: 351

DOSE: 0.06

DISP: Moribund

HISTO: 252086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Bone Marrow

Brain

Esophagus

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lymph Node - Mandibular

Lymph Node - Mesenteric

Nose

Ovary

Pancreas

Parathyroid Gland

Pituitary Gland

Salivary Glands

Skin

Stomach - Forestomach

Stomach - Glandular

Thymus

Thyroid Gland

Trachea

Urinary Bladder

Uterus

Zymbal's Gland

OBSERVATIONS

Adrenal Gland

Cortex

Hematopoietic Cell Proliferation

Mild

Clitoral Gland

Adenoma

Note: ADENOMA TGLs = 1-8

Kidney

Karyomegaly

Minimal

Nephropathy

Moderate

Liver

Eosinophilic Focus

Mild

Fatty Change

Focal, Minimal

Hepatodiaphragmatic Nodule

Note: ANOM HEPAT LOB TGLs = 5-3.1

Note: EOSIN FOCUS TGLs = 4-3.1

[Hepatodiaphragmatic Nodule TGLS = 4-3.1]

Lung

Infiltration Cellular

Histiocyte, Minimal

Note: INFILTRAT CELL TGLs = 6-4+4.1

Mammary Gland

Adenocarcinoma

Note: ADENOCARC TGLs = 2-13

Spleen

Hematopoietic Cell Proliferation

Marked

Note: HEMA CELL PROL TGLs = 3-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 509

TRT#: 8
DOSE: 0.06

SEX: Female
DISP: Moribund

DAY ON TEST: 400
HISTO: 252087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Thymus	Trachea	Urinary Bladder
Uterus	Zymbal's Gland		

OBSERVATIONS

Brain Note: COMPRESSION TGLs = 5-1	Brain Stem	Compression	Moderate
Clitoral Gland		Inflammation	Suppurative, Minimal
Kidney Note: NEPHROPATHY TGLs = 2-5		Karyomegaly	Minimal
Liver Note: EOSIN FOCUS TGLs = 7-3.1 Note: DEGEN TGLs = 7-3.1		Nephropathy	Marked
Lung	Alveolar Epith	Degeneration	Cystic, Minimal
Ovary Note: CYST TGLs = 1-8	Periovarn Tiss	Eosinophilic Focus	Mild
Pituitary Gland Note: ADENOMA TGLs = 6-2	Pars Distalis	Hyperplasia	Focal, Mild
Stomach Note: ULCER TGLs = 3,8-6 Note: EDEMA TGLs = 4-6	Glandular Forestomach	Cyst	
Thyroid Gland	Follicular Cel	Adenoma	
		Edema	Mild
		Ulcer	Marked
		Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 510

TRT#: 8
DOSE: 0.06

SEX: Female
DISP: Moribund

DAY ON TEST: 411
HISTO: 252088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Mesentery	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Zymbal's Gland			

OBSERVATIONS

Bone	Sternum	Osteopetrosis	Moderate
		Squamous Cell Carcinoma	Metastatic (Pharynx)
Note: SQUAM CEL CARC TGLs = 6-12			
Brain		Squamous Cell Carcinoma	Metastatic (Pharynx)
Clitoral Gland	Duct	Ectasia	Moderate
Eye		Necrosis	Marked
Note: NECROSIS TGLs = 5-14			
Harderian Gland		Squamous Cell Carcinoma	Metastatic (Pharynx)
Kidney		Karyomegaly	Minimal
		Nephropathy	Moderate
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Mild
		Fatty Change	Focal, Minimal
		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 4-3.1			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hemorrhage	Minimal
	Mandibular	Hyperplasia	Plasma Cell, Marked
Note: HYPERPLASIA TGLs = 1-9			
Note: HEMORRHAGE TGLs = 1-9			
Nose		Squamous Cell Carcinoma	Metastatic (Pharynx)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 510

TRT#: 8
DOSE: 0.06

SEX: Female
DISP: Moribund

DAY ON TEST: 411
HISTO: 252088

ORGAN AND ACCOUNTABLE SITE STATUS

Pharynx		Squamous Cell Carcinoma	
Thymus	Epithel Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 511

TRT#: 8

SEX: Female

DAY ON TEST: 384

DOSE: 0.06

DISP: Moribund

HISTO: 252089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland Note: ECTASIA TGLs = 1,2-8	Duct	Ectasia	Mild
Kidney		Nephropathy	Mild
Liver Note: MIXED CL FOCUS TGLs = 3-3.1 [Mixed Cell Focus TGLS = 3-3.1]		Eosinophilic Focus	Mild
		Mixed Cell Focus	Mild
Lung Note: INFILTRAT CELL TGLs = 5-4+4.1	Alveolar Epith	Hyperplasia	Multifocal, Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node Note: HYPERPLASIA TGLs = 4-9	Mandibular	Hyperplasia	Plasma Cell, Moderate
Pituitary Gland		Cyst	
Zymbal's Gland Note: CARCINOMA TGLs = 7-10		Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 512

TRT#: 8

SEX: Female

DAY ON TEST: 473

DOSE: 0.06

DISP: Moribund

HISTO: 252090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Uterus		

OBSERVATIONS

Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-8.1		
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-5		
Liver		Angiectasis	Mild
		Eosinophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
Note: ANGIECTASIS	TGLs = 3-3.1		
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland		Cyst	
Skin		Keratoacanthoma	
Note: KERATOACANTHOMA	TGLs = 5-13		
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus	Epithel Cell	Hyperplasia	Mild
Tongue		Squamous Cell Papilloma	
Note: SQ CL PAPILOM	TGLs = 6-14		
Urinary Bladder	Transit Epithe	Papilloma	
Zymbal's Gland		Carcinoma	
		Inflammation	Chronic Active, Mild
Note: CARCINOMA	TGLs = 7-10		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 513

TRT#: 8

SEX: Female

DAY ON TEST: 349

DOSE: 0.06

DISP: Dead

HISTO: 252091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Zymbal's Gland

OBSERVATIONS

Bone Marrow		Atrophy	Mild
		Hemorrhage	Moderate
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 2-8.1		
Kidney		Hydronephrosis	Mild
		Nephropathy	Mild
Liver		Eosinophilic Focus	Mild
Lung		Congestion	Moderate
Lymph Node	Mandibular	Congestion	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Mild
Note: HYPERPLASIA	TGLs = 1-9		
Note: CONGESTION	TGLs = 1-9		
Spleen		Depletion Lymphoid	Moderate
Thymus		Hemorrhage	Mild
Tongue		Squamous Cell Papilloma	
Note: [SQ CL PAPILOM]	TGLs = 3-13		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 514

TRT#: 8

DOSE: 0.06

SEX: Female

DISP: Moribund

DAY ON TEST: 384

HISTO: 252092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Pituitary Gland
Thymus
Uterus

Bone Marrow
Heart
Intestine Small - Duodenum
Liver
Ovary
Salivary Glands
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Stomach - Forestomach
Trachea

MISSING

Skin

OBSERVATIONS

Kidney
Lung
 Note: INFILTRAT CELL TGLs = 2-4+4.1
Lymph Node
 Note: ECTASIA TGLs = 1-9
 Note: HYPERPLASIA TGLs = 1-9
Spleen
Zymbal's Gland
 Note: CARCINOMA TGLs = 3-10

Mandibular, Sinus
Mandibular

Nephropathy
Infiltration Cellular

Ectasia
Hyperplasia

Hematopoietic Cell Proliferation
Carcinoma

Mild
Histiocyte, Minimal

Mild
Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 515

TRT#: 8

SEX: Female

DAY ON TEST: 603

DOSE: 0.06

DISP: Dead

HISTO: 252093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Brain		Hemorrhage	Minimal
Clitoral Gland	Duct	Ectasia	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 5-5			
Liver		Angiectasis	Moderate
		Eosinophilic Focus	Mild
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Mixed Cell Focus	Moderate
Note: ANGIECTASIS TGLs = 7-3.1			
Note: ANOM HEPAT LOB TGLs = 6-3.1			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-15			
Note: LEUKEMIA MONUC TGLs = 12-7			
Note: LEUKEMIA MONUC TGLs = 2-9			
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA TGLs = 1,4-13+14			
Nose		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 515	TRT#: 8 DOSE: 0.06	SEX: Female DISP: Dead	DAY ON TEST: 603 HISTO: 252093
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 11-2			
Skin		Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 9-16			
Spleen			Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-3			
Stomach		Forestomach	Hyperplasia	Moderate
		Forestomach	Leukemia Mononuclear	
		Glandular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 13-6			
Thymus			Leukemia Mononuclear	
Thyroid Gland		Follicular Cel	Hyperplasia	Focal, Mild
Zymbal's Gland			Carcinoma	
Note: CARCINOMA	TGLs = 10-10			

PRIMARY CAUSE OF DEATH

-

Animal Note: GRADE III LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 516

TRT#: 8

SEX: Female

DAY ON TEST: 614

DOSE: 0.06

DISP: Moribund

HISTO: 252094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 2-8		
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 8-5		
Liver		Basophilic Focus	Mild
		Eosinophilic Focus	Moderate
		Fatty Change	Multifocal, Minimal
		Hepatocellular Carcinoma	
		Neoplastic Nodule	
Note: EOSIN FOCUS	TGLs = 4,5,6,7-3.1		
Note: EOSIN FOCUS	TGLs = 4,5-3.1		
[Basophilic Focus TGLS = 6-3.1]			
Lung	Alveolar Epith	Hyperplasia	Multifocal, Moderate
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland		Cyst	
Thymus	Epithel Cell	Hyperplasia	Mild
Uterus		Hydrometra	Moderate
Note: HYDROMETRA	TGLs = 3-8		
Zymbal's Gland		Abscess	Moderate
		Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 517

TRT#: 8

SEX: Female

DAY ON TEST: 403

DOSE: 0.06

DISP: Moribund

HISTO: 252095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Islets, Pancreatic
Ovary
Salivary Glands
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Lymph Node - Mesenteric
Pancreas
Skin
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Ileum
Mammary Gland
Parathyroid Gland
Spleen
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Intestine Small
Note: POLYP ADENOMAT TGLs = 1-6.1

Duodenum

Polyp Adenomatous

Kidney

Karyomegaly
Nephropathy
Degeneration
Eosinophilic Focus
Mixed Cell Focus

Minimal
Mild
Cystic, Moderate
Moderate
Moderate

Liver

[Degeneration TGLS = 2-3.1]
[Eosinophilic Focus TGLS = 2-3.1]
[Mixed Cell Focus TGLS = 2-3.1]

Lung
Lymph Node
Thymus
Zymbal's Gland

Alveolar Epith
Mandibular
Epithel Cell

Hyperplasia
Hyperplasia
Hyperplasia
Carcinoma

Multifocal, Moderate
Plasma Cell, Moderate
Mild

Note: CARCINOMA TGLs = 3-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: C.I. Acid red 114
CAS Number: 6459-94-5

Date Report Requested: 10/19/2014
Time Report Requested: 23:24:45
First Dose M/F: NA / NA
Lab: HLA

ANIMAL ID: 518

TRT#: 8

SEX: Female

DAY ON TEST: 392

DOSE: 0.06

DISP: Moribund

HISTO: 252096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Thymus
Uterus

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Pancreas
Skin
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Kidney

Karyomegaly

Minimal

Nephropathy

Minimal

Liver

Basophilic Focus

Mild

Hepatodiaphragmatic Nodule

Mixed Cell Focus

Mild

Lung

Infiltration Cellular

Histiocyte, Minimal

Lymph Node

Mandibular

Hyperplasia

Plasma Cell, Marked

Spleen

Hematopoietic Cell Proliferation

Mild

Zymbal's Gland

Carcinoma

Ectasia

Moderate

Note: CARCINOMA TGLs = 1-12.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 519

TRT#: 8

SEX: Female

DAY ON TEST: 582

DOSE: 0.06

DISP: Dead

HISTO: 252097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Parathyroid Gland
Thymus
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Ovary
Stomach - Forestomach
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Kidney
Liver

Nephropathy
Basophilic Focus
Degeneration
Hematopoietic Cell Proliferation
Necrosis

Moderate
Mild
Cystic, Moderate
Minimal
Coagulative, Multifocal, Mild

Note: NECROSIS TGLs = 1-3.1

Note: DEGEN TGLs = 1-3.1

Lung

Alveolar Epith

Basal Cell Carcinoma
Hyperplasia

Metastatic (Skin)
Focal, Minimal

Note: BASAL CEL CARC TGLs = 2-4

Pituitary Gland

Skin

Cyst
Basal Cell Carcinoma

Note: BASAL CEL CARC TGLs = 4-13

Spleen

Zymbal's Gland

Hematopoietic Cell Proliferation
Hyperplasia

Moderate
Squamous, Focal, Mild

Note: [HYPERPLASIA] TGLs = 3-10.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

ANIMAL ID: 520

TRT#: 8

DOSE: 0.06

SEX: Female

DISP: Moribund

DAY ON TEST: 411

HISTO: 252098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mesentery
Pituitary Gland
Stomach - Glandular
Zymbal's Gland

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Skin
Urinary Bladder

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

OBSERVATIONS

Clitoral Gland
Note: CARCINOMA TGLs = 2-8.1
Kidney

Liver

Note: BASOPH FOCUS TGLs = 5-3.1
Note: MIXED CL FOCUS TGLs = 5-3.1
[Basophilic Focus TGLS = 5-3.1]
[Mixed Cell Focus TGLS = 5-3.1]
Lymph Node
Note: HEMORRHAGE TGLs = 1-9
Ovary
Spleen
Note: HEMA CELL PROL TGLs = 4-3
Thymus
Thyroid Gland

Mandibular
Mandibular

Periovarn Tiss

Epithel Cell
C Cell

Carcinoma

Karyomegaly
Nephropathy
Basophilic Focus
Eosinophilic Focus
Mixed Cell Focus
Neoplastic Nodule

Hemorrhage
Hyperplasia

Cyst
Hematopoietic Cell Proliferation

Hyperplasia
Adenoma

Minimal
Mild
Moderate
Mild
Mild

Mild
Plasma Cell, Mild

Marked

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05163-01

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Acid red 114

CAS Number: 6459-94-5

Date Report Requested: 10/19/2014

Time Report Requested: 23:24:45

First Dose M/F: NA / NA

Lab: HLA

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE