

Experiment Number: 20306 - 03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
PCN 66/67 comparison study
CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015
Time Report Requested: 09:34:00
First Dose M/F: NA / 10/13/03
Lab: BAT

F1_Rev.1_PCN67

NTP Study Number: C20306

Lock Date: 10/07/2004

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include 001 0 NG/KG

Include 007 1000 NG/KG 67

Include 008 10,000 NG/KG 67

Include 009 50,000 NG/KG 67

Include 010 100,000 NG/KG 67

Include 011 200,000 NG/KG 67

Study Gender: Female

TDMSE Version: 3.0.2.2_002

PWG Approval Date: NONE

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 1

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney	Mineralization	Minimal
Lymph Node, Mesenteric	Atrophy	Minimal
Pancreas	Infiltration Cellular	Mononuclear CI, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 2

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Liver	Lung	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Uterus
Vagina			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Pancreas	Infiltration Cellular	Mononuclear CI, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal
Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

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CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 3

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Lymph Node, Mandibular	Parathyroid Gland
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OBSERVATIONS

Kidney		Mineralization	Minimal
Liver		Inflammation	Chronic Active, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Stomach, Glandular		Infiltration Cellular	Mononuclear Cl, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney		Mineralization	Minimal
Liver		Inflammation	Chronic Active, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 5

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Liver	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Lung	Interstitial	Inflammation	Granulomatous, Minimal
Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

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Test Type: 90-DAY

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Species/Strain: RATS/F 344/N

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CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 6

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Liver	Inflammation	Chronic Active, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 7

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 8

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Liver	Inflammation	Chronic Active, Minimal
Pancreas	Infiltration Cellular	Mononuclear CI, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal
Stomach, Glandular	Infiltration Cellular	Mononuclear CI, Minimal
Thyroid GI		

Note: One thyroid gland was missing from block and wet tissue.

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Liver	Lung	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Uterus	Vagina

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney	Mineralization	Minimal
Pancreas	Infiltration Cellular	Mononuclear CI, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
	Nephropathy	Minimal
Note: Nephropathy was diagnosed wherever there was one or more of the following changes: basophilic (regenerating) tubules, protein casts, or inflammation.		
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal
Stomach, Glandular	Infiltration Cellular	Mononuclear CI, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 12

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lung	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Inflammation	Chronic Active, Minimal
Ovary	Periovarn Tiss	Cyst	Minimal
Note: Bursal cyst. [Cyst TGLs = 1-10]			
Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal
Stomach, Forestomach		Infiltration Cellular	Mononuclear CI, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 13

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Blood Vessel

Bone

Bone Marrow

Brain

Clitoral Gland

Esophagus

Eye

Harderian Gland

Intestine Large, Cecum

Intestine Large, Colon

Intestine Large, Rectum

Intestine Small, Duodenum

Intestine Small, Ileum

Intestine Small, Jejunum

Lung

Mammary Gland

Nose

Ovary

Pancreas

Parathyroid Gland

Pituitary Gland

Salivary Glands

Skin

Stomach, Forestomach

Stomach, Glandular

Thymus

Thyroid Gland

Tongue

Trachea

Urinary Bladder

Uterus

Vagina

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart

Cardiomyopathy

Minimal

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Mild

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Liver	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney		Mineralization	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal
Stomach, Glandular		Infiltration Cellular	Mononuclear Cl, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Female

DAY ON TEST: 94

DOSE: 0 NG/KG

DISP: Terminal Sacrifice

HISTO: 0405908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Lymph Node, Mandibular	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Liver		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
	[Hepatodiaphragmatic Nodule TGLs = 1-12]		
Spleen		Pigmentation	Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 201

TRT#: 7

SEX: Female

DAY ON TEST: 94

DOSE: 1000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Mammary Gland
Skin
Uterus

Adrenal Medulla
Ovary
Stomach, Forestomach
Vagina

Intestine Small, Duodenum
Pancreas
Thymus

Lung
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Liver
Spleen

Mineralization
Inflammation
Pigmentation

Minimal
Chronic Active, Minimal
Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 202

TRT#: 7

SEX: Female

DAY ON TEST: 94

DOSE: 1000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Liver

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Lung

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 203

TRT#: 7

SEX: Female

DAY ON TEST: 94

DOSE: 1000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla

Intestine Small, Duodenum

Mammary Gland

Ovary

Pancreas

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Adrenal Cortex

Infiltration Cellular

Lymphocyte, Minimal

Kidney

Mineralization

Minimal

Liver

Hepatodiaphragmatic Nodule

Chronic Active, Minimal

[Hepatodiaphragmatic Nodule TGLs = 1-12]

Lung

Alveolar Epith

Hyperplasia

Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 204

TRT#: 7

SEX: Female

DAY ON TEST: 94

DOSE: 1000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Mammary Gland
Skin
Uterus

Adrenal Medulla
Ovary
Stomach, Forestomach
Vagina

Intestine Small, Duodenum
Pancreas
Thymus

Lung
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney

Capsule

Inflammation
Mineralization

Chronic Active, Minimal
Minimal

Liver

Inflammation

Chronic Active, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 205

TRT#: 7

SEX: Female

DAY ON TEST: 94

DOSE: 1000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Mammary Gland
Skin
Uterus

Adrenal Medulla
Ovary
Stomach, Forestomach
Vagina

Intestine Small, Duodenum
Pancreas
Thymus

Lung
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Liver
Spleen

Mineralization
Inflammation
Pigmentation

Minimal
Chronic Active, Minimal
Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 206

TRT#: 7

SEX: Female

DAY ON TEST: 94

DOSE: 1000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 207

TRT#: 7

SEX: Female

DAY ON TEST: 94

DOSE: 1000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Mammary Gland
Skin
Uterus

Adrenal Medulla
Ovary
Stomach, Forestomach
Vagina

Intestine Small, Duodenum
Pancreas
Thymus

Lung
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney

Mineralization
Nephropathy
Inflammation
Pigmentation

Minimal
Minimal
Chronic Active, Minimal
Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 208

TRT#: 7

SEX: Female

DAY ON TEST: 94

DOSE: 1000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Mammary Gland

Ovary

Pancreas

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Lung

Alveolus

Inflammation

Granulomatous, Minimal

Spleen

Infiltration Cellular

Histiocyte, Minimal

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 209

TRT#: 7

SEX: Female

DAY ON TEST: 94

DOSE: 1000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Mammary Gland
Skin
Uterus

Adrenal Medulla
Ovary
Stomach, Forestomach
Vagina

Intestine Small, Duodenum
Pancreas
Thymus

Lung
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Liver
Spleen

Mineralization
Inflammation
Pigmentation

Mild
Chronic Active, Minimal
Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 210

TRT#: 7

SEX: Female

DAY ON TEST: 94

DOSE: 1000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 211

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 10,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Mammary Gland
Skin
Uterus

Adrenal Medulla
Ovary
Stomach, Forestomach
Vagina

Intestine Small, Duodenum
Pancreas
Thymus

Lung
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Liver
Spleen

Mineralization
Inflammation
Pigmentation

Minimal
Chronic Active, Minimal
Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 212

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 10,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 213

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 10,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Nephropathy

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 214

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 10,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Liver

Lung

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Mild

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 215

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 10,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 216

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 10,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Mammary Gland
Skin
Uterus

Adrenal Medulla
Ovary
Stomach, Forestomach
Vagina

Intestine Small, Duodenum
Pancreas
Thymus

Lung
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney

Mineralization

Minimal

Nephropathy

Minimal

Liver

Hepatodiaphragmatic Nodule

Inflammation

Chronic Active, Minimal

[Hepatodiaphragmatic Nodule TGLs = 1-12]

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 217

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 10,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Ovary

Pancreas

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

MISSING

Mammary Gland

OBSERVATIONS

Kidney

Mineralization

Minimal

Nephropathy

Minimal

Liver

Inflammation

Chronic Active, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 218

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 10,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Hepatodiaphragmatic Nodule

Inflammation

Chronic Active, Minimal

[Hepatodiaphragmatic Nodule TGLs = 1-12]

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 219

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 10,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Nephropathy

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 220

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 10,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Mammary Gland

Ovary

Pancreas

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Lung

Inflammation

Chronic Active, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Vagina

Note: Dilatation of the uterus and vagina observed microscopically in this animal was assumed to be due to stage of cycle: glands in the uterine wall appeared normal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 221

TRT#: 9

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Lymph Node, Mesenteric

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 222

TRT#: 9

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Mammary Gland
Skin
Uterus

Adrenal Medulla
Ovary
Stomach, Forestomach
Vagina

Intestine Small, Duodenum
Pancreas
Thymus

Lymph Node, Mesenteric
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Liver
Lung
Spleen

Alveolar Epith

Mineralization
Inflammation
Hyperplasia
Pigmentation

Minimal
Chronic Active, Minimal
Minimal
Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 223

TRT#: 9

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Lymph Node, Mesenteric

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Note: Duct is moderately dilated.

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 224

TRT#: 9

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Lymph Node, Mesenteric

Mammary Gland

Ovary

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Pituitary Gland

Hyperplasia

Focal, Minimal

Note: Chromophobe hyperplasia.

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 225

TRT#: 9

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Lymph Node, Mesenteric

Mammary Gland

Ovary

Pancreas

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Hepatocyte, Multinucleate

Minimal

Spleen

Inflammation

Chronic Active, Minimal

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 226

TRT#: 9

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Lymph Node, Mesenteric

Mammary Gland

Ovary

Pancreas

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 227

TRT#: 9

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Liver

Lung

Lymph Node, Mesenteric

Ovary

Pancreas

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

MISSING

Mammary Gland

OBSERVATIONS

Kidney

Mineralization

Minimal

Nephropathy

Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 228

TRT#: 9

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Liver

Lung

Lymph Node, Mesenteric

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 229

TRT#: 9

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Lymph Node, Mesenteric

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 230

TRT#: 9

SEX: Female

DAY ON TEST: 94

DOSE: 50,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Liver

Lung

Lymph Node, Mesenteric

Mammary Gland

Ovary

Pancreas

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Nephropathy

Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 231

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 100,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lymph Node, Mesenteric

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Nephropathy

Minimal

Liver

Inflammation

Chronic Active, Minimal

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 232

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 100,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Kidney

Lung

Lymph Node, Mesenteric

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 233

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 100,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Lymph Node, Mesenteric

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 234

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 100,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Lymph Node, Mesenteric

Mammary Gland

Ovary

Pancreas

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 235

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 100,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla

Intestine Small, Duodenum

Kidney

Lymph Node, Mesenteric

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Adrenal Cortex

Infiltration Cellular

Mononuclear CI, Minimal

Liver

Inflammation

Chronic Active, Minimal

Lung

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 236

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 100,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Nephropathy

Minimal

Liver

Inflammation

Granulomatous, Minimal

Inflammation

Chronic Active, Minimal

Lymph Node, Mesenteric

Atrophy

Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 237

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 100,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Lymph Node, Mesenteric

Atrophy

Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 238

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 100,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Lymph Node, Mesenteric

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 239

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 100,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Lymph Node, Mesenteric

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Experiment Number: 20306 - 03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
PCN 66/67 comparison study
CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015
Time Report Requested: 09:34:00
First Dose M/F: NA / 10/13/03
Lab: BAT

ANIMAL ID: 240

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 100,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Intestine Small, Duodenum	Lymph Node, Mesenteric
Mammary Gland	Ovary	Pituitary Gland	Skin
Stomach, Forestomach	Thymus	Thyroid Gland	Uterus
Vagina			

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Pancreas	Acinus	Atrophy	Focal, Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 241

TRT#: 11

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0405999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Liver		Hepatocyte, Multinucleate	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Toxic Hepatopathy	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 242

TRT#: 11

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0406000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Chronic Active, Moderate
		Toxic Hepatopathy	Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal
Thymus		Atrophy	Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 243

TRT#: 11

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0406001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocyte, Multinucleate	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
		Toxic Hepatopathy	Minimal
Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
Spleen		Pigmentation	Hemosiderin, Mild

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 244

TRT#: 11

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0406002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver	Hepatocyte	Hepatocyte, Multinucleate	Minimal
		Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
		Toxic Hepatopathy	Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 245

TRT#: 11

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0406003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
		Toxic Hepatopathy	Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Spleen		Pigmentation	Hemosiderin, Mild

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 246

TRT#: 11

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0406004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Liver		Hepatocyte, Multinucleate	Mild
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
		Toxic Hepatopathy	Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 247

TRT#: 11

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0406005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
		Toxic Hepatopathy	Minimal
Lymph Node, Mesenteric		Atrophy	Moderate
		Infiltration Cellular	Histiocyte, Minimal
Pancreas	Acinus	Atrophy	Focal, Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Thymus		Atrophy	Minimal

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 248

TRT#: 11

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0406006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Liver		Fatty Change	Minimal
		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule	TGLs = 1,2-12+13]		
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 249

TRT#: 11

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0406007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Toxic Hepatopathy	Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Spleen		Pigmentation	Hemosiderin, Mild

Experiment Number: 20306 - 03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 09:34:00

First Dose M/F: NA / 10/13/03

Lab: BAT

ANIMAL ID: 250

TRT#: 11

SEX: Female

DAY ON TEST: 94

DOSE: 200,000 NG/KG 67

DISP: Terminal Sacrifice

HISTO: 0406008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Liver		Fatty Change	Minimal
		Hepatocyte, Multinucleate	Mild
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Toxic Hepatopathy	Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal
Thymus		Atrophy	Minimal

*** END OF REPORT ***