

**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:** 10:28:05  
**First Dose M/F:** NA / 10/13/03  
**Lab:** BAT

F1\_Rev. 1\_TCDD

**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 012 1 NG/KG

Include 013 10 NG/KG

Include 014 50 NG/KG

Include 015 100 NG/KG

Include 016 200 NG/KG

**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: 10:28:05

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**

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 10:28:05

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

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: 10:28:05

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 |
|------------------------|-------------------|

**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**

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 10:28:05

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**

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 10:28:05

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    |

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: 10:28:05

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: 10:28:05

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**

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 10:28:05

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**

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 10:28:05

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: 10:28:05

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: 10:28:05

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: 10:28:05

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.<br>[ 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: 10:28:05

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: 10:28:05

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: 10:28:05

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 |
|------------------------|-------------------|

**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    |

\* 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: 10:28:05

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

Lab: BAT

ANIMAL ID: 301

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 1 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406009

**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

Acinus

Atrophy

Focal, 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: 10:28:05

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

Lab: BAT

ANIMAL ID: 302

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 1 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406010

**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

Mineralization  
Hepatodiaphragmatic Nodule  
Inflammation

Minimal  
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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 303

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 1 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406011

**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, 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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 304

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 1 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406012

**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, 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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 305

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 1 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406013

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Medulla  
Mammary Gland  
Skin  
Uterus

Intestine Small, Duodenum  
Ovary  
Stomach, Forestomach  
Vagina

Kidney  
Pancreas  
Thymus

Lung  
Pituitary Gland  
Thyroid Gland

**OBSERVATIONS**

Adrenal Cortex  
Liver  
Spleen

Infiltration Cellular  
Inflammation  
Pigmentation

Lymphocyte, 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: 10:28:05

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

Lab: BAT

ANIMAL ID: 306

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 1 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406014

**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: 10:28:05

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

Lab: BAT

---

**ANIMAL ID:** 307

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 1 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406015

---

**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: 10:28:05

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

Lab: BAT

ANIMAL ID: 308

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 1 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406016

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Liver

Lung

Mammary Gland

Ovary

Pancreas

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Uterus

Vagina

**OBSERVATIONS**

Kidney

Mineralization

Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Thyroid Gland

Cyst

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: 10:28:05

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

Lab: BAT

ANIMAL ID: 309

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 1 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406017

**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: 10:28:05

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

Lab: BAT

ANIMAL ID: 310

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 1 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406018

**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

Acinus

Atrophy

Focal, Minimal

Spleen

Hematopoietic Cell Proliferation

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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 311

**TRT#:** 13

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 10 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406019

**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

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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 312

**TRT#:** 13

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 10 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406020

**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

Hepatodiaphragmatic Nodule

Inflammation

Granulomatous, Minimal

Inflammation

Chronic Active, Mild

[ Hepatodiaphragmatic Nodule TGLs = 1-12 ]

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**

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 313

**TRT#:** 13

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 10 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406021

**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  
Hematopoietic Cell Proliferation  
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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 314

**TRT#:** 13

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 10 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406022

**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: 10:28:05

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

Lab: BAT

---

**ANIMAL ID:** 315

**TRT#:** 13

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 10 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406023

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Kidney

Liver

Lung

Mammary Gland

Ovary

Pancreas

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

---

**OBSERVATIONS**

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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 316

**TRT#:** 13

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 10 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406024

**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: 10:28:05

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

Lab: BAT

---

**ANIMAL ID:** 317

**TRT#:** 13

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 10 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406025

---

**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  
Inflammation  
Pigmentation

Minimal  
Chronic Active, Minimal  
Granulomatous, 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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 318

**TRT#:** 13

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 10 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406026

**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: 10:28:05

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

Lab: BAT

ANIMAL ID: 319

TRT#: 13

SEX: Female

DAY ON TEST: 94

DOSE: 10 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406027

**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

Hematopoietic Cell Proliferation

Mild

Capsule

Inflammation

Chronic Active, Moderate

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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 320

**TRT#:** 13

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 10 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406028

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex  
Mammary Gland  
Skin  
Uterus

Adrenal Medulla  
Ovary  
Stomach, Forestomach  
Vagina

Intestine Small, Duodenum  
Pancreas  
Thymus

Liver  
Pituitary Gland  
Thyroid Gland

**OBSERVATIONS**

Kidney  
Lung  
Spleen

Alveolus

Mineralization  
Infiltration Cellular  
Pigmentation

Minimal  
Histiocyte, 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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 321

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406029

**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, Mild  
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: 10:28:05

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

Lab: BAT

ANIMAL ID: 322

TRT#: 14

SEX: Female

DAY ON TEST: 94

DOSE: 50 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406030

**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

Mineralization  
Hepatodiaphragmatic Nodule  
Inflammation

Minimal  
Chronic Active, Minimal

[ Hepatodiaphragmatic Nodule TGLs = 1-5 ]

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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 323

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406031

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Kidney

Lung

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Uterus

Vagina

**OBSERVATIONS**

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Pigmentation

Hemosiderin, Minimal

Thyroid Gland

Cyst

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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 324

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406032

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex  
Mammary Gland  
Skin  
Vagina

Adrenal Medulla  
Ovary  
Stomach, Forestomach

Intestine Small, Duodenum  
Pancreas  
Thymus

Lung  
Pituitary Gland  
Uterus

**OBSERVATIONS**

Kidney

Mineralization  
Nephropathy  
Inflammation  
Pigmentation  
Cyst

Minimal  
Minimal  
Chronic Active, Minimal  
Hemosiderin, Minimal  
Minimal

Liver

Spleen

Thyroid Gland



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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 325

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406033

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Uterus

Vagina

**OBSERVATIONS**

Kidney

Mineralization

Minimal

Nephropathy

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

Thyroid Gland

Cyst

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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 326

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406034

**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: 10:28:05

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

Lab: BAT

ANIMAL ID: 327

TRT#: 14

SEX: Female

DAY ON TEST: 94

DOSE: 50 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406035

**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, 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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 328

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406036

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex  
Mammary Gland  
Thyroid Gland

Adrenal Medulla  
Pituitary Gland  
Uterus

Intestine Small, Duodenum  
Skin  
Vagina

Lung  
Stomach, Forestomach

**OBSERVATIONS**

Kidney  
Liver  
Ovary

Periovarn Tiss

Mineralization  
Inflammation  
Cyst

Minimal  
Chronic Active, Minimal  
Mild

Note: Bursal cyst.  
[ Cyst TGLs = 1-10 ]

Pancreas  
Spleen  
Thymus

Infiltration Cellular  
Pigmentation  
Atrophy

Mononuclear CI, Minimal  
Hemosiderin, Minimal  
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: 10:28:05

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

Lab: BAT

ANIMAL ID: 329

TRT#: 14

SEX: Female

DAY ON TEST: 94

DOSE: 50 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406037

**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

Mineralization  
Hepatodiaphragmatic Nodule  
Inflammation

Minimal  
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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 330

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406038

**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

Pigmentation

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: 10:28:05

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

Lab: BAT

ANIMAL ID: 331

TRT#: 15

SEX: Female

DAY ON TEST: 94

DOSE: 100 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Mammary Gland

Ovary

Pancreas

Pituitary Gland

Skin

Stomach, Forestomach

Thyroid Gland

Uterus

Vagina

OBSERVATIONS

Kidney

Cortex

Cyst

Mild

Nephropathy

Minimal

Liver

Hepatodiaphragmatic Nodule

Hepatocyte

Hypertrophy

Minimal

Inflammation

Chronic Active, Minimal

Inflammation

Granulomatous, Minimal

[ Hepatodiaphragmatic Nodule TGLs = 1-12 ]

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Lymph Node, Mesenteric

Infiltration Cellular

Histiocyte, Marked

[ Infiltration Cellular TGLs = 2-12 ]

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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 332

**TRT#:** 15

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406040

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thyroid Gland

Uterus

Vagina

**OBSERVATIONS**

Kidney

Nephropathy

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, 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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 333

**TRT#:** 15

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406041

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Lung

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thyroid Gland

Uterus

Vagina

**OBSERVATIONS**

Kidney

Mineralization

Minimal

Nephropathy

Minimal

Liver

Inflammation

Chronic Active, Minimal

Pancreas

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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 334

**TRT#:** 15

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406042

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex  
Mammary Gland  
Skin  
Vagina

Adrenal Medulla  
Ovary  
Stomach, Forestomach

Intestine Small, Duodenum  
Pancreas  
Thyroid Gland

Lung  
Pituitary Gland  
Uterus

**OBSERVATIONS**

Kidney

Mineralization

Minimal

Nephropathy

Minimal

Liver

Hepatodiaphragmatic Nodule

Hepatocyte

Hypertrophy

Minimal

Inflammation

Chronic Active, Minimal

[ Hepatodiaphragmatic Nodule TGLs = 1-12 ]

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: 10:28:05

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

Lab: BAT

ANIMAL ID: 335

TRT#: 15

SEX: Female

DAY ON TEST: 94

DOSE: 100 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406043

**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

Hepatocyte

Hypertrophy

Minimal

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**

PCN 66/67 comparison study

CAS Number: PCNCOMPARISN

Date Report Requested: 08/27/2015

Time Report Requested: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 336

**TRT#:** 15

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406044

**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

Hepatocyte

Hypertrophy

Minimal

Inflammation

Granulomatous, Minimal

Inflammation

Chronic Active, 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: 10:28:05

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

Lab: BAT

ANIMAL ID: 337

TRT#: 15

SEX: Female

DAY ON TEST: 94

DOSE: 100 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406045

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Medulla

Intestine Small, Duodenum

Lung

Mammary Gland

Ovary

Pituitary Gland

Skin

Stomach, Forestomach

Thymus

Thyroid Gland

Uterus

Vagina

**OBSERVATIONS**

Adrenal Cortex

Infiltration Cellular

Mononuclear CI, Minimal

Kidney

Mineralization

Minimal

Liver

Nephropathy

Minimal

Inflammation

Chronic Active, Minimal

Inflammation

Granulomatous, Minimal

Pigmentation

Minimal

Pancreas

Infiltration Cellular

Mononuclear CI, Minimal

Spleen

Hematopoietic Cell Proliferation

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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 338

**TRT#:** 15

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406046

**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

Pigmentation

Hemosiderin, 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:** 10:28:05  
**First Dose M/F:** NA / 10/13/03  
**Lab:** BAT

**ANIMAL ID:** 339

**TRT#:** 15

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406047

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex

Adrenal Medulla

Intestine Small, Duodenum

Mammary Gland

Ovary

Pancreas

Pituitary Gland

Skin

Stomach, Forestomach

Thyroid Gland

Uterus

Vagina

**OBSERVATIONS**

Kidney

Mineralization

Minimal

Liver

Inflammation

Chronic Active, Minimal

Lung

Alveolus

Pigmentation

Minimal

Spleen

Infiltration Cellular

Histiocyte, Minimal

Thymus

Pigmentation

Hemosiderin, Mild

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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 340

**TRT#:** 15

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406048

**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

Granulomatous, 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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 341

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 200 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406049

**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                  | Lymph Node, Mesenteric    | Mammary Gland          | Nose                     |
| Ovary                   | Parathyroid Gland         | Pituitary Gland        | Salivary Glands          |
| Skin                    | Stomach, Forestomach      | Thyroid Gland          | Tongue                   |
| Trachea                 | Urinary Bladder           | Uterus                 | Vagina                   |

**MISSING**

Lymph Node, Mandibular

**OBSERVATIONS**

|                    |            |                       |                         |
|--------------------|------------|-----------------------|-------------------------|
| Heart              |            | Cardiomyopathy        | Minimal                 |
| Liver              | Hepatocyte | Hypertrophy           | Minimal                 |
|                    |            | Inflammation          | Chronic Active, Minimal |
|                    |            | Pigmentation          | Minimal                 |
| Lung               | Alveolus   | Infiltration Cellular | Histiocyte, Minimal     |
| Pancreas           |            | Infiltration Cellular | Mononuclear CI, Minimal |
| Spleen             |            | Pigmentation          | Hemosiderin, Mild       |
| Stomach, Glandular |            | Infiltration Cellular | Mononuclear CI, 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: 10:28:05

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

Lab: BAT

ANIMAL ID: 342

TRT#: 16

SEX: Female

DAY ON TEST: 94

DOSE: 200 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406050

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                  | Mammary Gland             | Nose                   | Ovary                    |
| Parathyroid Gland       | Pituitary Gland           | Salivary Glands        | Skin                     |
| Stomach, Forestomach    | Thyroid Gland             | Tongue                 | Trachea                  |
| Urinary Bladder         | Uterus                    | Vagina                 |                          |

MISSING

Lymph Node, Mandibular

OBSERVATIONS

|                        |                 |                                  |                         |
|------------------------|-----------------|----------------------------------|-------------------------|
| Heart                  |                 | Cardiomyopathy                   | Minimal                 |
| Liver                  | Hepatocyte      | Hypertrophy                      | Minimal                 |
|                        |                 | Inflammation                     | Chronic Active, Minimal |
|                        |                 | Inflammation                     | Granulomatous, Mild     |
|                        |                 | Pigmentation                     | Minimal                 |
| Lung                   | Interstitialium | Inflammation                     | Granulomatous, Minimal  |
| Lymph Node, Mesenteric |                 | Infiltration Cellular            | Histiocyte, Minimal     |
| Pancreas               |                 | Infiltration Cellular            | Mononuclear CI, Minimal |
| Spleen                 |                 | Hematopoietic Cell Proliferation | Minimal                 |
|                        |                 | Pigmentation                     | Hemosiderin, Minimal    |
| Stomach, Glandular     |                 | Infiltration Cellular            | Mononuclear CI, 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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 343

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 200 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406051

**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      | Thymus                 | Thyroid Gland            |
| Tongue                  | Trachea                   | Urinary Bladder        | Uterus                   |
| Vagina                  |                           |                        |                          |

**MISSING**

Lymph Node, Mandibular

**OBSERVATIONS**

|                        |            |                       |                         |
|------------------------|------------|-----------------------|-------------------------|
| Heart                  |            | Cardiomyopathy        | Minimal                 |
| Kidney                 |            | Mineralization        | Minimal                 |
| Liver                  | Hepatocyte | Hypertrophy           | Minimal                 |
|                        |            | Inflammation          | Chronic Active, Mild    |
|                        |            | Inflammation          | Granulomatous, Minimal  |
| Lymph Node, Mesenteric |            | Infiltration Cellular | Histiocyte, Minimal     |
| Spleen                 |            | Pigmentation          | Hemosiderin, Mild       |
| 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: 10:28:05

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

Lab: BAT

ANIMAL ID: 344

TRT#: 16

SEX: Female

DAY ON TEST: 94

DOSE: 200 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406052

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 |
| Mammary Gland          | 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

|                              |              |                            |                         |
|------------------------------|--------------|----------------------------|-------------------------|
| Intestine Small, Jejunum     |              | Inflammation               | Chronic Active, Mild    |
| Kidney                       |              | Mineralization             | Minimal                 |
| Liver                        |              | Hepatodiaphragmatic Nodule |                         |
|                              |              | Inflammation               | Granulomatous, Minimal  |
|                              |              | Inflammation               | Chronic Active, Minimal |
|                              |              | Pigmentation               | Minimal                 |
| [ Hepatodiaphragmatic Nodule | TGLs = 1-5 ] |                            |                         |
| Lung                         | Alveolus     | Infiltration Cellular      | Histiocyte, Minimal     |
| Lymph Node, Mesenteric       |              | Infiltration Cellular      | Histiocyte, Mild        |
| Nose                         | Nerve        | Inflammation               | Chronic, Minimal        |
| Spleen                       |              | Pigmentation               | Hemosiderin, Mild       |
| Thymus                       |              | Atrophy                    | Mild                    |

\* 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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 345

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 200 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406053

**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       |
| 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, 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: 10:28:05

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

Lab: BAT

ANIMAL ID: 346

TRT#: 16

SEX: Female

DAY ON TEST: 94

DOSE: 200 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406054

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

|                           |                        |                          |                         |
|---------------------------|------------------------|--------------------------|-------------------------|
| Adrenal Cortex            | Adrenal Medulla        | Blood Vessel             | Bone                    |
| 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       | Thyroid Gland           |
| Tongue                    | Trachea                | Urinary Bladder          | Uterus                  |
| Vagina                    |                        |                          |                         |

**MISSING**

Lymph Node, Mandibular

**OBSERVATIONS**

|  |            |                           |                         |
|--|------------|---------------------------|-------------------------|
| Bone Marrow  |            | Inflammation              | Histiocytic, Minimal    |
| Heart  |            | Cardiomyopathy            | Minimal                 |
| Liver  |            | Hepatocyte, Multinucleate | Minimal                 |
|  | Hepatocyte | Hypertrophy               | Minimal                 |
|  |            | Inflammation              | Chronic Active, Minimal |
| Lymph Node, Mesenteric   |            | Infiltration Cellular     | Histiocyte, Minimal     |
| Mesentery  | Fat        | Necrosis                  | Mild                    |
| Note: Fat necrosis was diagnosed wherever there was any combination of fat necrosis and/or inflammation and/or mineralization. |            |                           |                         |
| [ Necrosis TGLs = 1-12 ]   |            |                           |                         |
| Spleen   |            | Pigmentation              | Hemosiderin, Mild       |
| Thymus   |            | Atrophy                   | 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: 10:28:05

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

Lab: BAT

ANIMAL ID: 347

TRT#: 16

SEX: Female

DAY ON TEST: 94

DOSE: 200 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

|                           |                        |                          |                         |
|---------------------------|------------------------|--------------------------|-------------------------|
| Adrenal Cortex            | Adrenal Medulla        | Blood Vessel             | Bone                    |
| Bone Marrow               | Brain                  | Clitoral Gland           | Esophagus               |
| Eye                       | Intestine Large, Cecum | Intestine Large, Colon   | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Kidney                  |
| Lung                      | Mammary Gland          | 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

|                        |                |                       |                         |
|------------------------|----------------|-----------------------|-------------------------|
| Harderian Gland        |                | Infiltration Cellular | Mononuclear CI, Minimal |
| Heart                  |                | Cardiomyopathy        | Minimal                 |
| Liver                  | Hepatocyte     | Hypertrophy           | Minimal                 |
|                        |                | Inflammation          | Granulomatous, Minimal  |
|                        |                | Inflammation          | Chronic Active, Minimal |
| Lymph Node, Mesenteric |                | Infiltration Cellular | Histiocyte, Minimal     |
| Nose                   | Respirat Epith | Inflammation          | Minimal                 |
| Pancreas               |                | 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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 348

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 200 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406056

**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     | Tongue                   |
| Trachea                 | Urinary Bladder           | Uterus                 | Vagina                   |

**MISSING**

Lymph Node, Mandibular

**OBSERVATIONS**

|               |            |                       |                         |
|---------------|------------|-----------------------|-------------------------|
| Heart         |            | Cardiomyopathy        | Minimal                 |
| Kidney        |            | Nephropathy           | Minimal                 |
| Liver         | Hepatocyte | Hypertrophy           | Minimal                 |
|               |            | Inflammation          | Chronic Active, Minimal |
| Pancreas      |            | Infiltration Cellular | Mononuclear CI, Minimal |
| Spleen        |            | Pigmentation          | Hemosiderin, Mild       |
| Thymus        |            | Atrophy               | Minimal                 |
| Thyroid Gland |            | Cyst                  | 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: 10:28:05

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

Lab: BAT

**ANIMAL ID:** 349

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 200 NG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0406057

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

|                           |                        |                          |                         |
|---------------------------|------------------------|--------------------------|-------------------------|
| Adrenal Cortex            | Adrenal Medulla        | Blood Vessel             | Bone                    |
| Bone Marrow               | Brain                  | Clitoral Gland           | Esophagus               |
| Eye                       | Intestine Large, Cecum | Intestine Large, Colon   | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | 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**

|                        |            |                           |                         |
|------------------------|------------|---------------------------|-------------------------|
| Harderian Gland        |            | Infiltration Cellular     | Mononuclear CI, Minimal |
| Heart                  |            | Cardiomyopathy            | Minimal                 |
| Kidney                 |            | Nephropathy               | Minimal                 |
| Liver                  |            | Hepatocyte, Multinucleate | Minimal                 |
|                        | Hepatocyte | Hypertrophy               | Minimal                 |
|                        |            | Inflammation              | Chronic Active, Mild    |
|                        |            | Toxic Hepatopathy         | Minimal                 |
| Lung                   | Alveolus   | Infiltration Cellular     | Histiocyte, Minimal     |
| Lymph Node, Mesenteric |            | Infiltration Cellular     | Histiocyte, Minimal     |
| Pancreas               |            | Infiltration Cellular     | Mononuclear CI, Minimal |
| Spleen                 |            | Pigmentation              | Hemosiderin, Minimal    |
| Thymus                 |            | Atrophy                   | 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: 10:28:05

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

Lab: BAT

ANIMAL ID: 350

TRT#: 16

SEX: Female

DAY ON TEST: 94

DOSE: 200 NG/KG

DISP: Terminal Sacrifice

HISTO: 0406058

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 |
| 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              | Chronic Active, Minimal |
|                        |                | Pigmentation              | Minimal                 |
|                        |                | Toxic Hepatopathy         | Minimal                 |
| Lung                   | Alveolar Epith | Hyperplasia               | Minimal                 |
|                        | Alveolus       | Infiltration Cellular     | Histiocyte, Minimal     |
| Lymph Node, Mesenteric |                | Infiltration Cellular     | Histiocyte, Minimal     |
| Spleen                 |                | Pigmentation              | Hemosiderin, Minimal    |
| Thymus                 |                | Atrophy                   | Minimal                 |

\*\*\* END OF REPORT \*\*\*