| | |
|---|---|
| **C Number:** | C92007 |
| **Lock Date:** | 02/04/1999 |
| **Cage Range:** | All |
| **Date Range:** | All |
| **Reasons For Removal:** | All |
| **Removal Date Range:** | All |
| **Treatment Groups:** | All |
| **Study Gender:** | Both |
| **PWG Approval Date** | NONE |

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1158 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803711 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Larynx | * Liver | * Spleen | * Testes |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Renal Tubule | Regeneration | Focal, Minimal |
| * Lung | | Hemorrhage | Acute, Focal, Minimal |
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Mild |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Inflammation | Suppurative, Multifocal, Minimal |

Note: Inflammation and Erosion of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1160 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803701 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Kidney | * Larynx | * Lung | * Nose |
| * Spleen | * Testes | * Urinary Bladder | |
| **OBSERVATIONS** | | | |
| * Liver | | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1161 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803702 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Kidney | * Larynx | * Liver | * Lung |
| * Nose | * Spleen | * Testes | * Urinary Bladder |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1162 | **TRT#:** 7 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803721 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |

Note: Erosion and Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1165 | **TRT#:** 7 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803722 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1166 | **TRT#:** 5 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803731 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Mild |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1168 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803712 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Brain | * Epididymis | * Larynx | * Liver |
| * Lung | * Testes | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Bone Marrow | Erythroid Cell, Femoral | Hyperplasia | Diffuse, Moderate |
| * Heart | Valve | Pigmentation | Hemosiderin, Focal, Minimal |
| * Kidney | Interstitium | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Mild |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Inflammation | Suppurative, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Mild |

Note: Inflammation, Metaplasia and Erosion of respiratory epithelium was just evident in Level 1 nasal cavity.

| | | | |
|---|---|---|---|
| * Spleen | | Hematopoietic Cell Proliferation | Diffuse, Moderate |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1169 | **TRT#:** 7 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803723 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1170 | **TRT#:** 5 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803732 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Focal, Minimal |
| | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Mild |

Note: Erosion and Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1171 | **TRT#:** 5 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803733 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Mild |
| Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity. | | | |

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1172 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803713 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Kidney | * Larynx | * Liver | * Spleen |
| * Testes | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Lung | | Hemorrhage | Acute, Multifocal, Minimal |
| * Nose | Respirat Epith, Septum | Erosion | Multifocal, Mild |
| | Respirat Epith, Turbinate | Erosion | Multifocal, Mild |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Respirat Epith, Septum | Inflammation | Suppurative, Focal, Minimal |
| | Respirat Epith, Turbinate | Inflammation | Suppurative, Focal, Minimal |
| | Respirat Epith, Septum | Metaplasia | Squamous, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Inflammation, Erosion and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1173 | **TRT#:** 7 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803724 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity. | | | |

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1174 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803714 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Larynx | * Lung | * Spleen | * Testes |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Interstitium | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| * Liver | | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| * Nose | Respirat Epith, Septum | Erosion | Multifocal, Mild |
| | Respirat Epith, Turbinate | Erosion | Multifocal, Mild |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Respirat Epith, Septum | Inflammation | Suppurative, Multifocal, Mild |
| | Respirat Epith, Turbinate | Inflammation | Suppurative, Multifocal, Mild |
| | Respirat Epith, Septum | Metaplasia | Squamous, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Ulcer | Multifocal, Mild |

Note: Inflammation, Erosions, Ulcers and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1175 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803715 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Larynx | * Lung | * Spleen | * Testes |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Interstitium | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| * Liver | | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Mild |
| | Respirat Epith, Septum | Metaplasia | Squamous, Focal, Minimal |

Note: Erosions and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1176 | **TRT#:** 5 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803734 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Mild |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Erosion, Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1177 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803716 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Larynx | * Liver | * Lung | * Spleen |
| * Testes | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Interstitium | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Mild |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Respirat Epith, Septum | Metaplasia | Squamous, Multifocal, Mild |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Mild |
| Note: Erosions and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity. | | | |
| * Urinary Bladder | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1178 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803717 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Larynx | * Liver | * Lung | * Spleen |
| * Testes | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Interstitium | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Mild |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Respirat Epith, Septum | Metaplasia | Squamous, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Erosions and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1179 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803703 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Larynx | * Liver | * Lung | * Spleen |
| * Testes | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Renal Tubule | Regeneration | Multifocal, Minimal |
| * Nose | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1180 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803704 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Kidney | * Larynx | * Liver | * Spleen |
| * Testes | * Urinary Bladder | | |
| **OBSERVATIONS** | | | |
| * Lung | | Hemorrhage | Acute, Multifocal, Minimal |
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Mild |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1182 | **TRT#:** 5 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803735 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Mild |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1183 | **TRT#:** 7 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803725 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1184 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803705 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Kidney | * Larynx | * Liver | * Spleen |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Lung | | Hemorrhage | Acute, Focal, Minimal |
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| * Testes | Seminif Tub | Degeneration | Focal, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1186 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803718 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Larynx |
| * Liver | * Lung | * Spleen | * Testes |
| * Urinary Bladder | | | |

**MISSING**

* Epididymis

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Interstitium | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |

Note: Erosions of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1188 | **TRT#:** 5 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803736 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Mild |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Erosion and Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1189 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803719 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Larynx | * Liver | * Lung | * Spleen |
| * Testes | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Interstitium | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |

Note: Erosions of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1190 | **TRT#:** 5 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803737 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1191 | **TRT#:** 5 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803738 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Mild |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Erosion, Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1192 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803706 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Kidney | * Larynx | * Liver | * Lung |
| * Spleen | * Testes | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| * Urinary Bladder | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1193 | **TRT#:** 5 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803739 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Mild |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1194 | **TRT#:** 7 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803726 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity. | | | |

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1195 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803707 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Kidney | * Larynx | * Lung | * Spleen |
| * Testes | * Urinary Bladder | | |
| **OBSERVATIONS** | | | |
| * Liver | | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| * Nose | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1196 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803708 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Larynx | * Liver | * Lung | * Nose |
| * Spleen | * Testes | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Interstitium | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1197 | **TRT#:** 7 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803727 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Focal, Minimal |
| | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |

Note: Erosion and Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1200 | **TRT#:** 7 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803728 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Mild |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1201 | **TRT#:** 7 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803729 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Focal, Mild |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Multifocal, Mild |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1202 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803720 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Larynx | * Lung | * Spleen | * Testes |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Interstitium | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Renal Tubule | Regeneration | Focal, Minimal |
| * Liver | | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| * Nose | Respirat Epith, Turbinate | Erosion | Focal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Erosions and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1203 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803709 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Kidney | * Larynx | * Liver | * Lung |
| * Spleen | * Testes | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1204 | **TRT#:** 7 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803730 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Focal, Minimal |
| | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Mild |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Focal, Mild |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Erosion and Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1205 | **TRT#:** 5 | **SEX:** Male | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803740 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Mild |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Erosion, Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.
Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1206 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 95 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9803710 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Epididymis | * Heart |
| * Kidney | * Lung | * Nose | * Spleen |
| * Testes | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Larynx | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Lamina Propria | Inflammation | Suppurative, Acute, Multifocal, Minimal |
| * Liver | Centrilobular | Hypertrophy | Multifocal, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1207 | **TRT#:** 8 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802231 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1208 | **TRT#:** 8 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802232 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1209 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802211 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Larynx |
| * Liver | * Lung | * Ovary | * Spleen |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Interstitium | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| * Nose | Respirat Epith, Turbinate | Erosion | Focal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Respirat Epith, Septum | Metaplasia | Squamous, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Erosion and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1210 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802201 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Larynx |
| * Lung | * Nose | * Ovary | * Spleen |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Renal Tubule | Regeneration | Focal, Minimal |
| * Liver | | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1211 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802202 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| * Bone Marrow | * Brain | * Heart | * Kidney |
| * Larynx | * Lung | * Ovary | * Spleen |
| * Urinary Bladder | * Uterus | | |
| **OBSERVATIONS** | | | |
| * Liver | | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Mild |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1212 | **TRT#:** 8 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802233 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1213 | **TRT#:** 8 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802234 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1214 | **TRT#:** 6 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802221 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Mild |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Mild |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Erosion, Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1215 | **TRT#:** 8 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802235 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1218 | **TRT#:** 8 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802236 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Mild |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1219 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802212 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Kidney |
| * Larynx | * Lung | * Spleen | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Liver | | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| * Nose | Respirat Epith, Septum | Metaplasia | Squamous, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |
| Note: Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity. | | | |
| * Ovary | | Cyst | Focal, Moderate |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1220 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802203 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| * Bone Marrow | * Brain | * Heart | * Kidney |
| * Larynx | * Lung | * Ovary | * Spleen |
| * Urinary Bladder | * Uterus | | |
| **OBSERVATIONS** | | | |
| * Liver | | Necrosis | Coagulative, Focal, Minimal |
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1221 | **TRT#:** 6 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802222 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Mild |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1222 | **TRT#:** 8 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802237 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |

Note: Hyperplasia and Erosion of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1223 | **TRT#:** 6 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802223 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1224 | **TRT#:** 8 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802238 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1225 | **TRT#:** 6 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802224 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Mild |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1226 | **TRT#:** 6 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802225 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Mild |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Metaplasia and Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1228 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802204 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| * Bone Marrow | * Brain | * Heart | * Larynx |
| * Ovary | * Spleen | * Urinary Bladder | * Uterus |
| **OBSERVATIONS** | | | |
| * Kidney | Renal Tubule | Regeneration | Focal, Minimal |
| * Liver | | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| * Lung | | Hemorrhage | Acute, Focal, Minimal |
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Lamina Propria | Inflammation | Suppurative, Focal, Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1230 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802205 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| * Bone Marrow | * Brain | * Heart | * Kidney |
| * Larynx | * Lung | * Ovary | * Spleen |
| * Urinary Bladder | * Uterus | | |
| **OBSERVATIONS** | | | |
| * Liver | | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1231 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802206 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Larynx | * Liver |
| * Nose | * Ovary | * Spleen | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Heart | Valve | Pigmentation | Hemosiderin, Multifocal, Mild |
| * Kidney | Renal Tubule | Regeneration | Focal, Minimal |
| * Lung | | Hemorrhage | Acute, Multifocal, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1232 | **TRT#:** 8 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802239 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1233 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802213 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Larynx |
| * Lung | * Ovary | * Spleen | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Renal Tubule | Regeneration | Focal, Minimal |
| * Liver | | Inflammation | Suppurative, Acute, Focal, Minimal |
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Respirat Epith, Septum | Metaplasia | Squamous, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1234 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802207 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Kidney |
| * Larynx | * Liver | * Lung | * Nose |
| * Ovary | * Spleen | * Urinary Bladder | * Uterus |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1236 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802208 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| * Bone Marrow | * Brain | * Heart | * Kidney |
| * Larynx | * Lung | * Ovary | * Spleen |
| * Urinary Bladder | * Uterus | | |
| **OBSERVATIONS** | | | |
| * Liver | | Karyomegaly | Focal, Minimal |
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1237 | **TRT#:** 6 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802226 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Mild |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1238 | **TRT#:** 6 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802227 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1240 | **TRT#:** 6 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802228 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Mild |

Note: Hyperplasia, Erosion and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1241 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802214 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Larynx |
| * Liver | * Lung | * Ovary | * Spleen |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Interstitium | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Renal Tubule | Regeneration | Multifocal, Minimal |
| * Nose | Respirat Epith, Turbinate | Erosion | Focal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Focal, Mild |
| | Respirat Epith, Septum | Metaplasia | Squamous, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Erosion and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1242 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802215 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Kidney |
| * Larynx | * Liver | * Lung | * Ovary |
| * Spleen | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Respirat Epith, Septum | Metaplasia | Squamous, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Erosion and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1243 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802216 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Larynx |
| * Liver | * Lung | * Ovary | * Spleen |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Interstitium | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Renal Tubule | Regeneration | Focal, Minimal |
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Mild |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Respirat Epith, Septum | Metaplasia | Squamous, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Erosion and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1245 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802217 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Kidney |
| * Larynx | * Lung | * Ovary | * Spleen |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Liver | | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Respirat Epith, Septum | Metaplasia | Squamous, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Erosion and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1246 | **TRT#:** 8 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 2.5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802240 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1247 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802209 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Larynx |
| * Lung | * Ovary | * Spleen | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Interstitium | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| * Liver | | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1248 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802218 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Kidney |
| * Larynx | * Ovary | * Spleen | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Liver | | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| * Lung | | Hemorrhage | Acute, Focal, Minimal |
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Respirat Epith, Septum | Metaplasia | Squamous, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1249 | **TRT#:** 6 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802229 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1251 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802219 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Kidney |
| * Larynx | * Liver | * Lung | * Ovary |
| * Spleen | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Mild |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| | Respirat Epith, Septum | Metaplasia | Squamous, Multifocal, Mild |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Mild |

Note: Erosion and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1252 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 10PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802220 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Kidney |
| * Larynx | * Liver | * Lung | * Ovary |
| * Spleen | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Erosion | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Nasopharyn Dct | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Respirat Epith, Septum | Metaplasia | Squamous, Multifocal, Mild |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Mild |

Note: Erosion and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1253 | **TRT#:** 6 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 5PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802230 |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Nose | Respirat Epith, Turbinate | Hyperplasia | Multifocal, Minimal |
| | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| | Respirat Epith, Turbinate | Metaplasia | Squamous, Multifocal, Minimal |

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH -

Animal Note: For Groups 3 and 4, only nasal cavity required to be examined microscopically.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1254 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 96 |
| | **DOSE:** 0PPM | **DISP:** Scheduled Sacrifice | **HISTO:** 9802210 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Bone Marrow | * Brain | * Heart | * Larynx |
| * Lung | * Ovary | * Spleen | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Interstitium | Infiltration Cellular | Mononuclear Cl, Focal, Minimal |
| * Liver | | Infiltration Cellular | Mononuclear Cl, Multifocal, Minimal |
| * Nose | Lamina Propria | Infiltration Cellular | Mononuclear Cl, Multifocal, Mild |

PRIMARY CAUSE OF DEATH -

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE