

Experiment Number: 20114 - 04

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: MICE/AM3

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

Sodium dichromate dihydrate (VI)

CAS Number: 7789-12-0

Date Report Requested: 03/29/2012

Time Report Requested: 07:34:21

First Dose M/F: 08/23/02 / NA

Lab: BAT

F1_MX

NTP Study Number: C20114B
Lock Date: 05/15/2003
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Male
TDMSE Version: 2.6.0.0_007
PWG Approval Date: NONE

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AM3 (C57BL/6) MICE MALE

0 MG/L

62.5 MG/L

125 MG/L

250 MG/L

Disposition Summary

Animals Initially In Study

5

5

5

5

Early Deaths

Survivors

Terminal Sacrifice

5

5

5

5

Animals Examined Microscopically

5

5

5

5

ALIMENTARY SYSTEM

| | | | | |
|---|----------|----------|----------|----------|
| Esophagus | (5) | (0) | (0) | (5) |
| Gallbladder | (5) | (0) | (0) | (5) |
| Intestine Large, Cecum | (5) | (0) | (0) | (5) |
| Intestine Large, Colon | (5) | (0) | (0) | (5) |
| Intestine Large, Rectum | (5) | (0) | (0) | (5) |
| Intestine Small, Duodenum | (5) | (5) | (5) | (5) |
| Infiltration Cellular, Histiocyte | | 2 (40%) | 5 (100%) | 4 (80%) |
| Epithelium, Hyperplasia | | 5 (100%) | 5 (100%) | 5 (100%) |
| Intestine Small, Ileum | (5) | (0) | (0) | (5) |
| Intestine Small, Jejunum | (5) | (0) | (0) | (5) |
| Liver | (5) | (5) | (5) | (5) |
| Depletion Glycogen | | 4 (80%) | 5 (100%) | 5 (100%) |
| Hematopoietic Cell Proliferation | 1 (20%) | 1 (20%) | 1 (20%) | 1 (20%) |
| Infiltration Cellular, Mononuclear Cell | | | 1 (20%) | |
| Inflammation | 5 (100%) | 5 (100%) | 5 (100%) | 5 (100%) |
| Tension Lipidosis | 2 (40%) | | | |
| Pancreas | (5) | (5) | (5) | (5) |
| Depletion Secretory | | 3 (60%) | 4 (80%) | 5 (100%) |
| Necrosis, Focal | 1 (20%) | | | |
| Salivary Glands | (5) | (0) | (0) | (5) |
| Stomach, Forestomach | (5) | (5) | (5) | (5) |
| Stomach, Glandular | (5) | (5) | (5) | (5) |

CARDIOVASCULAR SYSTEM

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Lab: BAT

| AM3 (C57BL/6) MICE MALE | 0 MG/L | 62.5 MG/L | 125 MG/L | 250 MG/L |
|-----------------------------------|--------|-----------|----------|----------|
| Heart | (5) | (0) | (0) | (5) |
| ENDOCRINE SYSTEM | | | | |
| Adrenal Cortex | (5) | (0) | (0) | (5) |
| Adrenal Medulla | (5) | (0) | (0) | (5) |
| Parathyroid Gland | (4) | (0) | (0) | (2) |
| Pituitary Gland | (5) | (0) | (0) | (5) |
| Thyroid Gland | (5) | (0) | (0) | (5) |
| GENERAL BODY SYSTEM | | | | |
| None | | | | |
| GENITAL SYSTEM | | | | |
| Epididymis | (5) | (0) | (0) | (5) |
| Inflammation, Chronic | | | | 1 (20%) |
| Preputial Gland | (5) | (0) | (0) | (5) |
| Prostate | (5) | (0) | (0) | (5) |
| Seminal Vesicle | (5) | (0) | (1) | (5) |
| Dilatation | | | 1 (100%) | |
| Testes | (5) | (0) | (0) | (5) |
| Germinal Epithelium, Degeneration | | | | 1 (20%) |
| HEMATOPOIETIC SYSTEM | | | | |
| Bone Marrow | (5) | (0) | (0) | (5) |
| Lymph Node, Mandibular | (5) | (0) | (0) | (5) |
| Lymph Node, Mesenteric | (5) | (5) | (5) | (5) |
| Infiltration Cellular, Histiocyte | | | | 4 (80%) |
| Spleen | (5) | (0) | (0) | (5) |
| Thymus | (5) | (0) | (0) | (5) |

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62.5 MG/L

125 MG/L

250 MG/L

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

| | | | | |
|-----------------|-----|-----|-----|-----|
| Bone | (5) | (0) | (0) | (5) |
| Skeletal Muscle | (5) | (0) | (0) | (5) |

NERVOUS SYSTEM

| | | | | |
|-------|-----|-----|-----|-----|
| Brain | (5) | (0) | (0) | (5) |
|-------|-----|-----|-----|-----|

RESPIRATORY SYSTEM

| | | | | |
|---------|-----|-----|-----|-----|
| Lung | (5) | (0) | (0) | (5) |
| Nose | (5) | (0) | (0) | (5) |
| Trachea | (5) | (0) | (0) | (5) |

SPECIAL SENSES SYSTEM

| | | | | |
|-----------------|-----|-----|-----|-----|
| Eye | (5) | (0) | (0) | (5) |
| Harderian Gland | (5) | (0) | (0) | (5) |

URINARY SYSTEM

| | | | | |
|-----------------------------|---------|---------|---------|-----|
| Kidney | (5) | (5) | (5) | (5) |
| Cyst | | | 1 (20%) | |
| Hydronephrosis | | 1 (20%) | | |
| Renal Tubule, Casts Protein | 1 (20%) | | | |
| Renal Tubule, Regeneration | | 1 (20%) | | |

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|---|---------|-----------|----------|----------|
| Renal Tubule, Vacuolization Cytoplasmic | 4 (80%) | 5 (100%) | 2 (40%) | |
| Urinary Bladder | (5) | (0) | (0) | (5) |

*** END OF REPORT ***

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