

Experiment Number: 99027-02
Test Type: 90-DAY
Species/Strain: Mouse/B6C3F1

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

Test Compound: Chromium picolinate monohydrate

CAS Number: 27882-76-4

Date Report Requested: 10/19/2014

Time Report Requested: 07:10:05

First Dose M/F: NA / NA

Lab: SRI

C Number: C99027
Lock Date: 06/10/2002
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE

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| B6C3F1 Mouse MALE | 0 PPM | 80 PPM | 240 PPM | 2000 PPM | 10000 PPM | 50000 PPM |
|---|---------|--------|---------|----------|-----------|-----------|
| Disposition Summary | | | | | | |
| Animals Initially In Study | 10 | 10 | 10 | 10 | 10 | 10 |
| Early Deaths | | | | | | |
| Survivors | | | | | | |
| Terminal Sacrifice | 10 | 10 | 10 | 10 | 10 | 10 |
| Animals Examined Microscopically | 10 | | | 1 | | 10 |
| ALIMENTARY SYSTEM | | | | | | |
| Esophagus | (10) | (0) | (0) | (0) | (0) | (10) |
| Gallbladder | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Large, Cecum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Large, Colon | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Large, Rectum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Small, Duodenum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Small, Ileum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Small, Jejunum | (10) | (0) | (0) | (0) | (0) | (10) |
| Liver | (10) | (0) | (0) | (0) | (0) | (10) |
| Hematopoietic Cell Proliferation, Focal | 2 (20%) | | | | | 2 (20%) |
| Inflammation, Chronic, Focal | | | | | | 1 (10%) |
| Pancreas | (10) | (0) | (0) | (0) | (0) | (10) |
| Salivary Glands | (10) | (0) | (0) | (0) | (0) | (10) |
| Stomach, Forestomach | (10) | (0) | (0) | (0) | (0) | (10) |
| Epithelium, Hyperplasia, Focal | | | | | | 1 (10%) |
| Inflammation, Chronic Active | | | | | | 1 (10%) |
| Stomach, Glandular | (10) | (0) | (0) | (0) | (0) | (10) |
| Cyst | 1 (10%) | | | | | |
| Dilatation | | | | | | 1 (10%) |
| CARDIOVASCULAR SYSTEM | | | | | | |
| Heart | (10) | (0) | (0) | (0) | (0) | (10) |

a - Number of animals examined microscopically at site and number of animals with lesion

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| B6C3F1 Mouse MALE | 0 PPM | 80 PPM | 240 PPM | 2000 PPM | 10000 PPM | 50000 PPM |
|-------------------------------|---------|--------|---------|----------|-----------|-----------|
| ENDOCRINE SYSTEM | | | | | | |
| Adrenal Cortex | (10) | (0) | (0) | (0) | (0) | (10) |
| Adrenal Medulla | (10) | (0) | (0) | (0) | (0) | (10) |
| Parathyroid Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| Pituitary Gland | (10) | (0) | (0) | (0) | (0) | (9) |
| Thyroid Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| GENERAL BODY SYSTEM | | | | | | |
| None | | | | | | |
| GENITAL SYSTEM | | | | | | |
| Epididymis | (10) | (0) | (0) | (0) | (0) | (10) |
| Preputial Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| Duct, Cyst | 1 (10%) | | | | | 1 (10%) |
| Prostate | (10) | (0) | (0) | (0) | (0) | (10) |
| Seminal Vesicle | (10) | (0) | (0) | (0) | (0) | (10) |
| Testes | (10) | (0) | (0) | (0) | (0) | (10) |
| HEMATOPOIETIC SYSTEM | | | | | | |
| Bone Marrow | (10) | (0) | (0) | (0) | (0) | (10) |
| Lymph Node, Mandibular | (10) | (0) | (0) | (0) | (0) | (10) |
| Lymph Node, Mesenteric | (10) | (0) | (0) | (0) | (0) | (10) |
| Spleen | (10) | (0) | (0) | (0) | (0) | (10) |
| Thymus | (10) | (0) | (0) | (0) | (0) | (10) |
| INTEGUMENTARY SYSTEM | | | | | | |
| Mammary Gland | (0) | (0) | (0) | (0) | (0) | (1) |
| Skin | (10) | (0) | (0) | (0) | (0) | (10) |
| MUSCULOSKELETAL SYSTEM | | | | | | |
| Bone | (10) | (0) | (0) | (0) | (0) | (10) |
| NERVOUS SYSTEM | | | | | | |

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| B6C3F1 Mouse MALE | 0 PPM | 80 PPM | 240 PPM | 2000 PPM | 10000 PPM | 50000 PPM |
|--|--------------|---------------|----------------|-----------------|------------------|------------------|
| Brain | (10) | (0) | (0) | (0) | (0) | (10) |
| RESPIRATORY SYSTEM | | | | | | |
| Lung | (10) | (0) | (0) | (0) | (0) | (10) |
| Infiltration Cellular, Histiocyte, Focal | 1 (10%) | | | | | |
| Nose | (10) | (0) | (0) | (0) | (0) | (10) |
| Trachea | (10) | (0) | (0) | (0) | (0) | (10) |
| SPECIAL SENSES SYSTEM | | | | | | |
| Eye | (10) | (0) | (0) | (1) | (0) | (10) |
| Harderian Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| URINARY SYSTEM | | | | | | |
| Kidney | (10) | (0) | (0) | (0) | (0) | (10) |
| Nephropathy | 3 (30%) | | | | | 3 (30%) |
| Urinary Bladder | (10) | (0) | (0) | (0) | (0) | (9) |

END OF MALE DATA

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First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse FEMALE | 0 PPM | 80 PPM | 240 PPM | 2000 PPM | 10000 PPM | 50000 PPM |
|---|---------|--------|---------|----------|-----------|-----------|
| Disposition Summary | | | | | | |
| Animals Initially In Study | 10 | 10 | 10 | 10 | 10 | 10 |
| Early Deaths | | | | | | |
| Survivors | | | | | | |
| Terminal Sacrifice | 10 | 10 | 10 | 10 | 10 | 10 |
| Animals Examined Microscopically | 10 | | | 1 | | 10 |
| ALIMENTARY SYSTEM | | | | | | |
| Esophagus | (10) | (0) | (0) | (0) | (0) | (10) |
| Gallbladder | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Large, Cecum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Large, Colon | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Large, Rectum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Small, Duodenum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Small, Ileum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Small, Jejunum | (10) | (0) | (0) | (0) | (0) | (10) |
| Liver | (10) | (0) | (0) | (0) | (0) | (10) |
| Eosinophilic Focus | | | | | | 1 (10%) |
| Hematopoietic Cell Proliferation, Focal | 7 (70%) | | | | | 3 (30%) |
| Inflammation, Chronic, Focal | | | | | | 2 (20%) |
| Pancreas | (10) | (0) | (0) | (0) | (0) | (10) |
| Salivary Glands | (10) | (0) | (0) | (0) | (0) | (10) |
| Stomach, Forestomach | (10) | (0) | (0) | (0) | (0) | (10) |
| Stomach, Glandular | (10) | (0) | (0) | (0) | (0) | (10) |
| Cyst | 1 (10%) | | | | | |
| Dilatation | 2 (20%) | | | | | 1 (10%) |
| CARDIOVASCULAR SYSTEM | | | | | | |
| Heart | (10) | (0) | (0) | (0) | (0) | (10) |
| ENDOCRINE SYSTEM | | | | | | |

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| B6C3F1 Mouse FEMALE | 0 PPM | 80 PPM | 240 PPM | 2000 PPM | 10000 PPM | 50000 PPM |
|--------------------------------------|--------------|---------------|----------------|-----------------|------------------|------------------|
| Adrenal Cortex | (10) | (0) | (0) | (0) | (0) | (10) |
| Accessory Adrenal Cortical Nodule | 1 (10%) | | | | | |
| Vacuolization Cytoplasmic | 5 (50%) | | | | | 7 (70%) |
| Adrenal Medulla | (10) | (0) | (0) | (0) | (0) | (10) |
| Parathyroid Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| Pituitary Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| Thyroid Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| GENERAL BODY SYSTEM | | | | | | |
| None | | | | | | |
| GENITAL SYSTEM | | | | | | |
| Clitoral Gland | (9) | (0) | (0) | (0) | (0) | (10) |
| Dermis, Inflammation, Chronic Active | 1 (11%) | | | | | |
| Duct, Cyst | 1 (11%) | | | | | |
| Inflammation, Acute | | | | | | 1 (10%) |
| Ovary | (10) | (0) | (0) | (0) | (0) | (10) |
| Cyst | 2 (20%) | | | | | |
| Uterus | (10) | (0) | (0) | (0) | (0) | (10) |
| HEMATOPOIETIC SYSTEM | | | | | | |
| Bone Marrow | (10) | (0) | (0) | (0) | (0) | (10) |
| Lymph Node, Mandibular | (10) | (0) | (0) | (0) | (0) | (10) |
| Lymph Node, Mesenteric | (10) | (0) | (0) | (0) | (0) | (10) |
| Spleen | (10) | (0) | (0) | (0) | (0) | (10) |
| Thymus | (10) | (0) | (0) | (0) | (0) | (10) |
| INTEGUMENTARY SYSTEM | | | | | | |
| Mammary Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| Skin | (10) | (0) | (0) | (0) | (0) | (10) |
| Subcut Tiss, Inflammation, Acute | | | | | | 1 (10%) |
| MUSCULOSKELETAL SYSTEM | | | | | | |

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| B6C3F1 Mouse FEMALE | 0 PPM | 80 PPM | 240 PPM | 2000 PPM | 10000 PPM | 50000 PPM |
|--------------------------------------|--------------|---------------|----------------|-----------------|------------------|------------------|
| Bone | (10) | (0) | (0) | (0) | (0) | (10) |
| NERVOUS SYSTEM | | | | | | |
| Brain | (10) | (0) | (0) | (0) | (0) | (10) |
| RESPIRATORY SYSTEM | | | | | | |
| Lung | (10) | (0) | (0) | (1) | (0) | (10) |
| Alveolar Epith, Hyperplasia | | | | 1 (100%) | | |
| Alveolus, Inflammation, Acute, Focal | 1 (10%) | | | | | |
| Perivascular, Inflammation, Chronic | 1 (10%) | | | | | |
| Nose | (10) | (0) | (0) | (0) | (0) | (10) |
| Trachea | (10) | (0) | (0) | (0) | (0) | (10) |
| SPECIAL SENSES SYSTEM | | | | | | |
| Eye | (10) | (0) | (0) | (1) | (0) | (10) |
| Harderian Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| URINARY SYSTEM | | | | | | |
| Kidney | (10) | (0) | (0) | (0) | (0) | (10) |
| Casts Protein | 2 (20%) | | | | | 1 (10%) |
| Nephropathy | | | | | | 2 (20%) |
| Urinary Bladder | (10) | (0) | (0) | (0) | (0) | (10) |

**** END OF REPORT ****

a - Number of animals examined microscopically at site and number of animals with lesion