

Experiment Number: 88050-02
Test Type: 14-DAY
Species/Strain: Mouse/B6C3F1

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Test Compound: Methacrylonitrile
CAS Number: 126-98-7

Date Report Requested: 10/19/2014
Time Report Requested: 10:05:02
First Dose M/F: NA / NA
Lab: BAT

C Number: C88050
Lock Date: 03/23/1993
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 G/L | 0.15 G/L | 0.3 G/L | 0.6 G/L | 1.2 G/L | 2.4 G/L |
|----------------------------------|-------|----------|---------|---------|---------|---------|
| Disposition Summary | | | | | | |
| Animals Initially In Study | 5 | 5 | 5 | 5 | 5 | 5 |
| Early Deaths | | | | | | |
| Moribund Sacrifice | | 1 | | | | |
| Natural Death | | | | | 1 | 1 |
| Survivors | | | | | | |
| Terminal Sacrifice | 5 | 4 | 5 | 5 | 4 | 4 |
| Animals Examined Microscopically | 5 | 1 | | | 1 | 5 |
| ALIMENTARY SYSTEM | | | | | | |
| Intestine Small, Duodenum | (5) | (1) | (0) | (0) | (1) | (5) |
| Liver | (5) | (1) | (0) | (0) | (1) | (5) |
| Stomach, Forestomach | (5) | (1) | (0) | (0) | (1) | (5) |
| Stomach, Glandular | (5) | (1) | (0) | (0) | (1) | (5) |
| CARDIOVASCULAR SYSTEM | | | | | | |
| None | | | | | | |
| ENDOCRINE SYSTEM | | | | | | |
| Adrenal Cortex | (5) | (1) | (0) | (0) | (1) | (5) |
| Adrenal Medulla | (5) | (1) | (0) | (0) | (1) | (5) |
| GENERAL BODY SYSTEM | | | | | | |
| None | | | | | | |
| GENITAL SYSTEM | | | | | | |
| None | | | | | | |
| HEMATOPOIETIC SYSTEM | | | | | | |
| Spleen | (5) | (1) | (0) | (0) | (1) | (5) |
| Thymus | (5) | (1) | (0) | (0) | (1) | (5) |
| INTEGUMENTARY SYSTEM | | | | | | |

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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|------------------------|-------|----------|---------|---------|---------|---------|
| None | | | | | | |
| MUSCULOSKELETAL SYSTEM | | | | | | |
| None | | | | | | |
| NERVOUS SYSTEM | | | | | | |
| Brain | (5) | (1) | (0) | (0) | (1) | (5) |
| Peripheral Nerve | (5) | (1) | (0) | (0) | (1) | (5) |
| Spinal Cord | (5) | (1) | (0) | (0) | (1) | (5) |
| RESPIRATORY SYSTEM | | | | | | |
| Lung | (5) | (1) | (0) | (0) | (1) | (5) |
| SPECIAL SENSES SYSTEM | | | | | | |
| None | | | | | | |
| URINARY SYSTEM | | | | | | |
| Kidney | (5) | (1) | (0) | (0) | (1) | (5) |

END OF MALE DATA

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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| B6C3F1 Mouse FEMALE | 0 G/L | 0.15 G/L | 0.3 G/L | 0.6 G/L | 1.2 G/L | 2.4 G/L |
|----------------------------------|--------------|-----------------|----------------|----------------|----------------|----------------|
| Disposition Summary | | | | | | |
| Animals Initially In Study | 5 | 5 | 5 | 5 | 5 | 5 |
| Early Deaths | | | | | | |
| Natural Death | | | | | 5 | 4 |
| Survivors | | | | | | |
| Terminal Sacrifice | 5 | 5 | 5 | 5 | | 1 |
| Animals Examined Microscopically | 5 | | | 5 | 5 | 5 |
| ALIMENTARY SYSTEM | | | | | | |
| Intestine Small, Duodenum | (5) | (0) | (0) | (5) | (5) | (5) |
| Liver | (5) | (0) | (0) | (5) | (5) | (5) |
| Stomach, Forestomach | (5) | (0) | (0) | (5) | (5) | (5) |
| Stomach, Glandular | (5) | (0) | (0) | (5) | (5) | (5) |
| CARDIOVASCULAR SYSTEM | | | | | | |
| None | | | | | | |
| ENDOCRINE SYSTEM | | | | | | |
| Adrenal Cortex | (5) | (0) | (0) | (5) | (5) | (5) |
| Adrenal Medulla | (5) | (0) | (0) | (5) | (5) | (5) |
| GENERAL BODY SYSTEM | | | | | | |
| None | | | | | | |
| GENITAL SYSTEM | | | | | | |
| None | | | | | | |
| HEMATOPOIETIC SYSTEM | | | | | | |
| Spleen | (5) | (0) | (0) | (5) | (5) | (5) |
| Thymus | (5) | (0) | (0) | (5) | (5) | (5) |
| INTEGUMENTARY SYSTEM | | | | | | |
| None | | | | | | |

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

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|------------------------|-------|----------|---------|---------|---------|---------|
| MUSCULOSKELETAL SYSTEM | | | | | | |
| None | | | | | | |
| NERVOUS SYSTEM | | | | | | |
| Brain | (5) | (0) | (0) | (5) | (5) | (5) |
| Peripheral Nerve | (5) | (0) | (0) | (5) | (5) | (5) |
| Spinal Cord | (5) | (0) | (0) | (5) | (5) | (5) |
| RESPIRATORY SYSTEM | | | | | | |
| Lung | (4) | (0) | (0) | (5) | (5) | (5) |
| Congestion | | | | | 3 [4.0] | 4 [4.0] |
| SPECIAL SENSES SYSTEM | | | | | | |
| None | | | | | | |
| URINARY SYSTEM | | | | | | |
| Kidney | (5) | (0) | (0) | (5) | (5) | (5) |

**** END OF REPORT ****

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)