

Experiment Number: 92012-01
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Rat/F 344/N

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

Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/15/2014
Time Report Requested: 12:50:41
First Dose M/F: NA / NA
Lab: MBA

C Number: C92012
Lock Date: 08/31/1994
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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Species/Strain: Rat/F 344/N

Lab: MBA

| F 344/N Rat MALE | VEHICLE CONTROL | 1200 PPM | 3300 PPM | 10000 PPM |
|--------------------------------------|-----------------|----------|----------|-----------|
| 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 | | | | |
| Liver | (5) | (0) | (0) | (5) |
| Stomach, Forestomach | (5) | (0) | (0) | (5) |
| Stomach, Glandular | (5) | (0) | (0) | (5) |
| CARDIOVASCULAR SYSTEM | | | | |
| Heart | (5) | (0) | (0) | (5) |
| ENDOCRINE SYSTEM | | | | |
| Adrenal Cortex | (5) | (0) | (0) | (5) |
| Adrenal Medulla | (5) | (0) | (0) | (5) |
| Pituitary Gland | (5) | (5) | (5) | (5) |
| Cyst | 1 (20%) | | | |
| Pars Distalis, Hypertrophy | | | 5 (100%) | 5 (100%) |
| Thyroid Gland | (5) | (5) | (5) | (5) |
| Follicular Cel, Hyperplasia, Diffuse | | | 5 (100%) | 5 (100%) |
| GENERAL BODY SYSTEM | | | | |
| None | | | | |
| GENITAL SYSTEM | | | | |
| Testes | (5) | (0) | (0) | (5) |
| HEMATOPOIETIC SYSTEM | | | | |
| Spleen | (5) | (0) | (0) | (5) |
| Thymus | (5) | (0) | (0) | (5) |

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

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|------------------------|-----------------|----------|----------|-----------|
| INTEGUMENTARY SYSTEM | | | | |
| None | | | | |
| MUSCULOSKELETAL SYSTEM | | | | |
| None | | | | |
| NERVOUS SYSTEM | | | | |
| Brain | (5) | (0) | (0) | (5) |
| RESPIRATORY SYSTEM | | | | |
| Lung | (5) | (0) | (0) | (5) |
| SPECIAL SENSES SYSTEM | | | | |
| None | | | | |
| URINARY SYSTEM | | | | |
| Kidney | (5) | (0) | (0) | (5) |

END OF MALE DATA

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

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| F 344/N Rat FEMALE | VEHICLE CONTROL | 1200 PPM | 3300 PPM | 10000 PPM |
|--------------------------------------|-----------------|----------|----------|-----------|
| 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 | | | | |
| Liver | (5) | (0) | (0) | (5) |
| Stomach, Forestomach | (5) | (0) | (0) | (5) |
| Stomach, Glandular | (5) | (0) | (0) | (5) |
| CARDIOVASCULAR SYSTEM | | | | |
| Heart | (5) | (0) | (0) | (5) |
| ENDOCRINE SYSTEM | | | | |
| Adrenal Cortex | (5) | (0) | (0) | (5) |
| Adrenal Medulla | (5) | (0) | (0) | (5) |
| Pituitary Gland | (5) | (5) | (5) | (5) |
| Pars Distalis, Hypertrophy | | | | 5 (100%) |
| Thyroid Gland | (5) | (5) | (5) | (5) |
| Follicular Cel, Hyperplasia, Diffuse | | | 5 (100%) | 5 (100%) |
| GENERAL BODY SYSTEM | | | | |
| None | | | | |
| GENITAL SYSTEM | | | | |
| Ovary | (5) | (1) | (0) | (5) |
| Bilateral, Cyst | | 1 (100%) | | |
| HEMATOPOIETIC SYSTEM | | | | |
| Spleen | (5) | (0) | (0) | (5) |
| Thymus | (5) | (0) | (0) | (5) |

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|---------------------------|------------------------|-----------------|-----------------|------------------|
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| None | | | | |
| MUSCULOSKELETAL SYSTEM | | | | |
| None | | | | |
| NERVOUS SYSTEM | | | | |
| Brain | (5) | (0) | (0) | (5) |
| RESPIRATORY SYSTEM | | | | |
| Lung | (5) | (0) | (0) | (5) |
| SPECIAL SENSES SYSTEM | | | | |
| None | | | | |
| URINARY SYSTEM | | | | |
| Kidney | (5) | (0) | (0) | (5) |

**** END OF REPORT ****

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