

TDMS No. 20323 - 04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)
Resveratrol
CAS Number: 501-36-0

Date Report Requested: 07/11/2011
Time Report Requested: 10:44:45
First Dose M/F: 09/23/08 / 09/22/08
Lab: BAT

F1_M3

C Number: C20323
Lock Date: 08/05/2009
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.4.2.1_003
PWG Approval Date: NONE

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| B6C3F1 MICE MALE | 0 mg/kg | 156 mg/kg | 312 mg/kg | 625 mg/kg | 1250 mg/kg | 2500 mg/kg |
|------------------|---------|-----------|-----------|-----------|------------|------------|
|------------------|---------|-----------|-----------|-----------|------------|------------|

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 | 10 | 10 | 10 | 10 | 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) | (1) | (0) | (10) |
| Peyer's Patch, Hyperplasia | | | | 1 (100%) | | |
| Liver | (10) | (10) | (10) | (10) | (10) | (10) |
| Infiltration Cellular, Mixed Cell Hepatocyte, Necrosis | 6 (60%) | 5 (50%) | 4 (40%) | 4 (40%) 2 (20%) | 8 (80%) 1 (10%) | 8 (80%) |
| 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) |

CARDIOVASCULAR SYSTEM

| | | | | | | |
|--------------|------|-----|-----|-----|-----|------|
| Blood Vessel | (10) | (0) | (0) | (0) | (0) | (10) |
| Heart | (10) | (0) | (0) | (0) | (0) | (10) |

ENDOCRINE SYSTEM

| | | | | | | |
|----------------|------|-----|-----|-----|-----|------|
| Adrenal Cortex | (10) | (0) | (0) | (0) | (0) | (10) |
|----------------|------|-----|-----|-----|-----|------|

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

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|---|---------|-----------|-----------|-----------|------------|------------|
| Adrenal Medulla | (10) | (0) | (0) | (0) | (0) | (10) |
| Islets, Pancreatic | (10) | (0) | (0) | (0) | (0) | (10) |
| Parathyroid Gland | (7) | (0) | (0) | (0) | (0) | (8) |
| Pituitary Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| 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) |
| Inflammation, Chronic Active | | | | | | 1 (10%) |
| Prostate | (10) | (0) | (0) | (0) | (0) | (10) |
| Infiltration Cellular, Mononuclear Cell | | | | | | 1 (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 | | | | | | |
| Skin | (10) | (0) | (0) | (0) | (0) | (10) |

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|---|---------|-----------|-----------|-----------|------------|------------|
| MUSCULOSKELETAL SYSTEM | | | | | | |
| Bone | (10) | (0) | (0) | (0) | (0) | (10) |
| NERVOUS SYSTEM | | | | | | |
| Brain | (10) | (0) | (0) | (0) | (0) | (10) |
| RESPIRATORY SYSTEM | | | | | | |
| Lung | (10) | (0) | (0) | (0) | (0) | (10) |
| Nose | (10) | (10) | (10) | (10) | (10) | (10) |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | | | 1 (10%) | | | |
| Olfactory Epithelium, Metaplasia, Respiratory Epithelium, Accumulation, Hyaline Droplet | 2 (20%) | 2 (20%) | 5 (50%) | 1 (10%) | 1 (10%) | 2 (20%) |
| Trachea | (10) | (0) | (0) | (0) | (0) | (10) |
| SPECIAL SENSES SYSTEM | | | | | | |
| Eye | (10) | (0) | (0) | (0) | (0) | (10) |
| Harderian Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| URINARY SYSTEM | | | | | | |
| Kidney | (10) | (10) | (10) | (10) | (10) | (10) |
| Infarct | | | | | | 1 (10%) |
| Mineralization | 2 (20%) | 1 (10%) | | 2 (20%) | 2 (20%) | 2 (20%) |
| Nephropathy | 4 (40%) | 2 (20%) | 2 (20%) | 1 (10%) | 4 (40%) | 6 (60%) |
| Urinary Bladder | (10) | (0) | (0) | (0) | (0) | (10) |

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

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*** END OF MALE ***

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| 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 | 10 | 10 | 10 | 10 | 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) | (10) | (10) | (10) | (10) | (10) |
| Clear Cell Focus | | | | | | 1 (10%) |
| Infiltration Cellular, Mixed Cell | 8 (80%) | 9 (90%) | 9 (90%) | 10 (100%) | 10 (100%) | 10 (100%) |
| Tension Lipidosis | 1 (10%) | | | | | |
| Hepatocyte, Necrosis | 2 (20%) | | 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) |
| Hyperplasia, Squamous | 1 (10%) | | | | | |
| Stomach, Glandular | (10) | (0) | (0) | (0) | (0) | (10) |
| CARDIOVASCULAR SYSTEM | | | | | | |
| Blood Vessel | (10) | (0) | (0) | (0) | (0) | (10) |
| Heart | (10) | (0) | (0) | (0) | (0) | (10) |

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|-----------------------------|---------|-----------|-----------|-----------|------------|------------|
| ENDOCRINE SYSTEM | | | | | | |
| Adrenal Cortex | (10) | (0) | (0) | (0) | (0) | (10) |
| Adrenal Medulla | (10) | (0) | (0) | (0) | (0) | (10) |
| Islets, Pancreatic | (10) | (0) | (0) | (0) | (0) | (10) |
| Parathyroid Gland | (6) | (0) | (0) | (0) | (0) | (7) |
| Pituitary Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| Thyroid Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| GENERAL BODY SYSTEM | | | | | | |
| None | | | | | | |
| GENITAL SYSTEM | | | | | | |
| Clitoral Gland | (10) | (0) | (0) | (0) | (0) | (9) |
| Ovary | (10) | (0) | (0) | (0) | (0) | (10) |
| 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) |

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| B6C3F1 MICE FEMALE | 0 mg/kg | 156 mg/kg | 312 mg/kg | 625 mg/kg | 1250 mg/kg | 2500 mg/kg |
|---|---------|-----------|-----------|-----------|------------|------------|
| MUSCULOSKELETAL SYSTEM | | | | | | |
| Bone | (10) | (0) | (0) | (0) | (0) | (10) |
| NERVOUS SYSTEM | | | | | | |
| Brain | (10) | (0) | (0) | (0) | (0) | (10) |
| RESPIRATORY SYSTEM | | | | | | |
| Lung | (10) | (0) | (0) | (0) | (0) | (10) |
| Inflammation, Acute | | | | | | 1 (10%) |
| Inflammation, Chronic | | | | | | 1 (10%) |
| Nose | (10) | (10) | (10) | (10) | (10) | (10) |
| Foreign Body | | | | | | 1 (10%) |
| Inflammation, Suppurative | | | 1 (10%) | 1 (10%) | | 1 (10%) |
| Olfactory Epithelium, Accumulation, Hyaline Droplet | 1 (10%) | | 1 (10%) | | | 2 (20%) |
| Olfactory Epithelium, Atrophy | | | | | 1 (10%) | |
| Olfactory Epithelium, Metaplasia, Respiratory | | | | 2 (20%) | 2 (20%) | 4 (40%) |
| Respiratory Epithelium, Accumulation, Hyaline Droplet | 2 (20%) | | 2 (20%) | 3 (30%) | 4 (40%) | 5 (50%) |
| Respiratory Epithelium, Hyperplasia | | | | | | 1 (10%) |
| Trachea | (10) | (0) | (0) | (0) | (0) | (10) |
| SPECIAL SENSES SYSTEM | | | | | | |
| Eye | (10) | (0) | (0) | (0) | (0) | (10) |
| Harderian Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| URINARY SYSTEM | | | | | | |
| Kidney | (10) | (10) | (10) | (10) | (10) | (10) |
| Mineralization | 1 (10%) | 1 (10%) | 2 (20%) | 2 (20%) | 2 (20%) | 5 (50%) |

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

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|---|----------------|------------------|------------------|------------------|-------------------|-------------------|
| Nephropathy | 2 (20%) | 1 (10%) | 4 (40%) | 2 (20%) | 2 (20%) | 2 (20%) |
| Urinary Bladder | (10) | (0) | (0) | (0) | (0) | (10) |
| Infiltration Cellular, Mononuclear Cell | | | | | | 1 (10%) |

*** END OF REPORT ***

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