

**Experiment Number:** 20712 - 02

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

**Date Report Requested:** 11/28/2012

**Test Type:** 14-WEEK

tris(2-Chloroisopropyl)phosphate

**Time Report Requested:** 07:41:58

**Route:** DOSED FEED

**CAS Number:** 13674-84-5

**First Dose M/F:** 09/11/09 / 09/10/09

**Species/Strain:** MICE/B6C3F1/N

**Lab:** BAT

F1\_M3

**NTP Study Number:** C20712  
**Lock Date:** 11/04/2010  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.0.0\_003  
**PWG Approval Date:** NONE

Test Type: 14-WEEK

tris(2-Chloroisopropyl)phosphate

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First Dose M/F: 09/11/09 / 09/10/09

Species/Strain: MICE/B6C3F1/N

Lab: BAT

| B6C3F1/N MICE MALE | 0 ppm | 1250 ppm | 2500 ppm | 5000 ppm | 10000 ppm | 20000 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 | 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) |
| 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) |
| Adrenal Medulla    | (10) | (0) | (0) | (0) | (0) | (9)  |
| Islets, Pancreatic | (10) | (0) | (0) | (0) | (0) | (10) |
| Parathyroid Gland  | (8)  | (0) | (0) | (0) | (0) | (9)  |

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

Test Type: 14-WEEK

tris(2-Chloroisopropyl)phosphate

Time Report Requested: 07:41:58

Route: DOSED FEED

CAS Number: 13674-84-5

First Dose M/F: 09/11/09 / 09/10/09

Species/Strain: MICE/B6C3F1/N

Lab: BAT

| B6C3F1/N MICE MALE            | 0 ppm | 1250 ppm | 2500 ppm | 5000 ppm | 10000 ppm | 20000 ppm |
|-------------------------------|-------|----------|----------|----------|-----------|-----------|
| Pituitary Gland               | (10)  | (0)      | (0)      | (0)      | (0)       | (9)       |
| Thyroid Gland                 | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| <b>GENERAL BODY SYSTEM</b>    |       |          |          |          |           |           |
| None                          |       |          |          |          |           |           |
| <b>GENITAL SYSTEM</b>         |       |          |          |          |           |           |
| Epididymis                    | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| Preputial Gland               | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| Prostate                      | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| Seminal Vesicle               | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| Testes                        | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| <b>HEMATOPOIETIC SYSTEM</b>   |       |          |          |          |           |           |
| 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)      |
| <b>INTEGUMENTARY SYSTEM</b>   |       |          |          |          |           |           |
| Skin                          | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| <b>MUSCULOSKELETAL SYSTEM</b> |       |          |          |          |           |           |
| Bone                          | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |

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

Experiment Number: 20712 - 02

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)**

Date Report Requested: 11/28/2012

Test Type: 14-WEEK

tris(2-Chloroisopropyl)phosphate

Time Report Requested: 07:41:58

Route: DOSED FEED

CAS Number: 13674-84-5

First Dose M/F: 09/11/09 / 09/10/09

Species/Strain: MICE/B6C3F1/N

Lab: BAT

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| B6C3F1/N MICE MALE    | 0 ppm | 1250 ppm | 2500 ppm | 5000 ppm | 10000 ppm | 20000 ppm |
|-----------------------|-------|----------|----------|----------|-----------|-----------|
| <hr/>                 |       |          |          |          |           |           |
| NERVOUS SYSTEM        |       |          |          |          |           |           |
| Brain                 | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| <hr/>                 |       |          |          |          |           |           |
| RESPIRATORY SYSTEM    |       |          |          |          |           |           |
| Lung                  | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| Nose                  | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| Trachea               | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| <hr/>                 |       |          |          |          |           |           |
| SPECIAL SENSES SYSTEM |       |          |          |          |           |           |
| Eye                   | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| Harderian Gland       | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| <hr/>                 |       |          |          |          |           |           |
| URINARY SYSTEM        |       |          |          |          |           |           |
| Kidney                | (10)  | (10)     | (10)     | (10)     | (10)      | (10)      |
| Urinary Bladder       | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| <hr/>                 |       |          |          |          |           |           |

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

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tris(2-Chloroisopropyl)phosphate

Time Report Requested: 07:41:58

Route: DOSED FEED

CAS Number: 13674-84-5

First Dose M/F: 09/11/09 / 09/10/09

Species/Strain: MICE/B6C3F1/N

Lab: BAT

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B6C3F1/N MICE MALE

0 ppm

1250 ppm

2500 ppm

5000 ppm

10000 ppm

20000 ppm

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## Tumor Summary for Males

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms  
Uncertain Primary Site

Total Animals with Neoplasms Uncertain-  
Benign or Malignant

Total Uncertain Neoplasms

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\*\*\* END OF MALE \*\*\*

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

b - Primary tumors: all tumors except metastatic tumors

Test Type: 14-WEEK

tris(2-Chloroisopropyl)phosphate

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CAS Number: 13674-84-5

First Dose M/F: 09/11/09 / 09/10/09

Species/Strain: MICE/B6C3F1/N

Lab: BAT

| B6C3F1/N MICE FEMALE | 0 ppm | 1250 ppm | 2500 ppm | 5000 ppm | 10000 ppm | 20000 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 | 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) |
| 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) |
| Adrenal Medulla    | (10) | (0) | (0) | (0) | (0) | (10) |
| Islets, Pancreatic | (10) | (0) | (0) | (0) | (0) | (10) |
| Parathyroid Gland  | (9)  | (0) | (0) | (0) | (0) | (8)  |

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

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Lab: BAT

| B6C3F1/N MICE FEMALE          | 0 ppm | 1250 ppm | 2500 ppm | 5000 ppm | 10000 ppm | 20000 ppm |
|-------------------------------|-------|----------|----------|----------|-----------|-----------|
| Pituitary Gland               | (10)  | (0)      | (0)      | (0)      | (0)       | (9)       |
| Thyroid Gland                 | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| <b>GENERAL BODY SYSTEM</b>    |       |          |          |          |           |           |
| None                          |       |          |          |          |           |           |
| <b>GENITAL SYSTEM</b>         |       |          |          |          |           |           |
| Clitoral Gland                | (10)  | (0)      | (0)      | (0)      | (0)       | (9)       |
| Ovary                         | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| Uterus                        | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| <b>HEMATOPOIETIC SYSTEM</b>   |       |          |          |          |           |           |
| 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)      |
| <b>INTEGUMENTARY SYSTEM</b>   |       |          |          |          |           |           |
| Mammary Gland                 | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| Skin                          | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| <b>MUSCULOSKELETAL SYSTEM</b> |       |          |          |          |           |           |
| Bone                          | (10)  | (0)      | (0)      | (0)      | (0)       | (10)      |
| <b>NERVOUS SYSTEM</b>         |       |          |          |          |           |           |

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

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Species/Strain: MICE/B6C3F1/N

Lab: BAT

---

| <b>B6C3F1/N MICE FEMALE</b>  | <b>0 ppm</b> | <b>1250 ppm</b> | <b>2500 ppm</b> | <b>5000 ppm</b> | <b>10000 ppm</b> | <b>20000 ppm</b> |
|------------------------------|--------------|-----------------|-----------------|-----------------|------------------|------------------|
| Brain                        | (10)         | (0)             | (0)             | (0)             | (0)              | (10)             |
| <hr/>                        |              |                 |                 |                 |                  |                  |
| <b>RESPIRATORY SYSTEM</b>    |              |                 |                 |                 |                  |                  |
| Lung                         | (10)         | (0)             | (0)             | (0)             | (0)              | (10)             |
| Nose                         | (10)         | (0)             | (0)             | (0)             | (0)              | (10)             |
| Trachea                      | (10)         | (0)             | (0)             | (0)             | (0)              | (10)             |
| <hr/>                        |              |                 |                 |                 |                  |                  |
| <b>SPECIAL SENSES SYSTEM</b> |              |                 |                 |                 |                  |                  |
| Eye                          | (10)         | (0)             | (0)             | (0)             | (0)              | (10)             |
| Harderian Gland              | (10)         | (0)             | (0)             | (0)             | (0)              | (10)             |
| <hr/>                        |              |                 |                 |                 |                  |                  |
| <b>URINARY SYSTEM</b>        |              |                 |                 |                 |                  |                  |
| Kidney                       | (10)         | (0)             | (0)             | (0)             | (0)              | (10)             |
| 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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Lab: BAT

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B6C3F1/N MICE FEMALE

0 ppm

1250 ppm

2500 ppm

5000 ppm

10000 ppm

20000 ppm

---

## Tumor Summary for Females

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms  
Uncertain Primary Site

Total Animals with Neoplasms Uncertain-  
Benign or Malignant

Total Uncertain Neoplasms

---

\*\*\* END OF REPORT \*\*\*

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

b - Primary tumors: all tumors except metastatic tumors