

Experiment Number: 20724 - 02

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

Date Report Requested: 05/19/2016

Test Type: 14-DAY

Acetoin

Time Report Requested: 10:29:38

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 513-86-0

First Dose M/F: 10/27/08 / 10/27/08

Species/Strain: MICE/B6C3F1

Lab: BNW

NTP Study Number: C20724
Lock Date: 03/04/2010
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

Experiment Number: 20724 - 02

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

Date Report Requested: 05/19/2016

Test Type: 14-DAY

Acetoin

Time Report Requested: 10:29:38

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 513-86-0

First Dose M/F: 10/27/08 / 10/27/08

Species/Strain: MICE/B6C3F1

Lab: BNW

| B6C3F1 MICE MALE | CONTROL | 6.25 PPM | 25 PPM | 100 PPM | 400 PPM | 800 PPM |
|------------------|---------|----------|--------|---------|---------|---------|
|------------------|---------|----------|--------|---------|---------|---------|

Disposition Summary

| | | | | | | |
|----------------------------------|---|---|---|---|---|---|
| Animals Initially In Study | 5 | 5 | 5 | 5 | 5 | 5 |
| Early Deaths | | | | | | |
| Survivors | | | | | | |
| Terminal Sacrifice | 5 | 5 | 5 | 5 | 5 | 5 |
| Animals Examined Microscopically | 5 | | | | | 5 |

ALIMENTARY SYSTEM

None

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

None

HEMATOPOIETIC SYSTEM

| | | | | | | |
|-------------------------|-----|-----|-----|-----|-----|-----|
| Lymph Node, Bronchial | (3) | (0) | (0) | (0) | (0) | (4) |
| Lymph Node, Mediastinal | (3) | (0) | (0) | (0) | (0) | (2) |

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

Experiment Number: 20724 - 02

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

Date Report Requested: 05/19/2016

Test Type: 14-DAY

Acetoin

Time Report Requested: 10:29:38

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 513-86-0

First Dose M/F: 10/27/08 / 10/27/08

Species/Strain: MICE/B6C3F1

Lab: BNW

| B6C3F1 MICE MALE | CONTROL | 6.25 PPM | 25 PPM | 100 PPM | 400 PPM | 800 PPM |
|------------------|---------|----------|--------|---------|---------|---------|
|------------------|---------|----------|--------|---------|---------|---------|

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

| | | | | | | |
|---------|-----|-----|-----|-----|-----|-----|
| Larynx | (5) | (0) | (0) | (0) | (0) | (5) |
| Lung | (5) | (0) | (0) | (0) | (0) | (5) |
| Nose | (5) | (0) | (0) | (0) | (0) | (5) |
| Trachea | (5) | (0) | (0) | (0) | (0) | (5) |

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

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

Experiment Number: 20724 - 02

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

Date Report Requested: 05/19/2016

Test Type: 14-DAY

Acetoin

Time Report Requested: 10:29:38

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 513-86-0

First Dose M/F: 10/27/08 / 10/27/08

Species/Strain: MICE/B6C3F1

Lab: BNW

B6C3F1 MICE MALE

CONTROL

6.25 PPM

25 PPM

100 PPM

400 PPM

800 PPM

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

*** 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

Experiment Number: 20724 - 02

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

Date Report Requested: 05/19/2016

Test Type: 14-DAY

Acetoin

Time Report Requested: 10:29:38

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 513-86-0

First Dose M/F: 10/27/08 / 10/27/08

Species/Strain: MICE/B6C3F1

Lab: BNW

| B6C3F1 MICE FEMALE | CONTROL | 6.25 PPM | 25 PPM | 100 PPM | 400 PPM | 800 PPM |
|--------------------|---------|----------|--------|---------|---------|---------|
|--------------------|---------|----------|--------|---------|---------|---------|

Disposition Summary

| | | | | | | |
|----------------------------------|---|---|---|---|---|---|
| Animals Initially In Study | 5 | 5 | 5 | 5 | 5 | 5 |
| Early Deaths | | | | | | |
| Survivors | | | | | | |
| Terminal Sacrifice | 5 | 5 | 5 | 5 | 5 | 5 |
| Animals Examined Microscopically | 5 | | | | | 5 |

ALIMENTARY SYSTEM

None

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

| | | | | | | |
|----------------|-----|-----|-----|-----|-----|-----|
| Adrenal Cortex | (0) | (0) | (0) | (0) | (0) | (1) |
|----------------|-----|-----|-----|-----|-----|-----|

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

None

HEMATOPOIETIC SYSTEM

| | | | | | | |
|-------------------------|-----|-----|-----|-----|-----|-----|
| Lymph Node, Bronchial | (4) | (0) | (0) | (0) | (0) | (2) |
| Lymph Node, Mediastinal | (3) | (0) | (0) | (0) | (0) | (0) |

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

Experiment Number: 20724 - 02

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

Date Report Requested: 05/19/2016

Test Type: 14-DAY

Acetoin

Time Report Requested: 10:29:38

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 513-86-0

First Dose M/F: 10/27/08 / 10/27/08

Species/Strain: MICE/B6C3F1

Lab: BNW

B6C3F1 MICE FEMALE

CONTROL

6.25 PPM

25 PPM

100 PPM

400 PPM

800 PPM

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

| | | | | | | |
|---------|-----|-----|-----|-----|-----|-----|
| Larynx | (5) | (0) | (0) | (0) | (0) | (5) |
| Lung | (5) | (0) | (0) | (0) | (0) | (5) |
| Nose | (5) | (0) | (0) | (0) | (0) | (5) |
| Trachea | (5) | (0) | (0) | (0) | (0) | (5) |

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

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

Experiment Number: 20724 - 02

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

Date Report Requested: 05/19/2016

Test Type: 14-DAY

Acetoin

Time Report Requested: 10:29:38

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 513-86-0

First Dose M/F: 10/27/08 / 10/27/08

Species/Strain: MICE/B6C3F1

Lab: BNW

B6C3F1 MICE FEMALE

CONTROL

6.25 PPM

25 PPM

100 PPM

400 PPM

800 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