Experiment Number: 20540-03
Test Type: 150-DAY
Route: DOSED WATER
Species/Strain: Rat/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: N-Nitrosodimethylamine (TGMM rat liver evaluation)
CAS Number: 62-75-9

Date Report Requested: 10/16/2014
Time Report Requested: 06:39:36
First Dose M/F: NA / NA
Lab: BAT

C Number: C20540D
Lock Date: 08/01/2007
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male
PWG Approval Date: NONE
## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

### Test Compound:
N-Nitrosodimethylamine (TGMX rat liver evaluation)

### CAS Number:
62-75-9

### Experiment Number:
20540-03

### Date Report Requested:
10/16/2014

### Time Report Requested:
06:39:36

### Route:
DOSED WATER

### Species/Strain:
Rat/F344/N Tac

### Test Compound:
DOSED WATER

### CAS Number:
Rat/F344/N Tac

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### Alimentary System

- **Esophagus**: +
- **Intestine Large, Cecum**: +
- **Intestine Large, Colon**: +
- **Intestine Large, Rectum**: +
- **Intestine Small, Duodenum**: +
- **Intestine Small, Ileum**: +
- **Intestine Small, Jejunum**: +
- **Liver**: +
- **Pancreas**: +
- **Salivary Glands**: +
- **Stomach, Forestomach**: +
- **Stomach, Glandular**: +

### Cardiovascular System

- **Blood Vessel**: +
- **Heart**: +

### Endocrine System

- **Adrenal Cortex**: +
- **Adrenal Medulla**: +
- **Islets, Pancreatic**: +
- **Parathyroid Gland**: +

---

*..Total animals with tissue examined microscopically; Total animals with tumor
+..Tissue examined microscopically
X..Lesion present
I..Insufficient tissue
M..Missing tissue
A..Autolysis precludes evaluation
BLANK..Not examined microscopically
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**CAS Number:** 62-75-9

**Date Report Requested:** 10/16/2014  
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**First Dose M/F:** NA / NA  
**Lab:** BAT

### F344/N Tac Rat Male

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### Pituitary Gland

+ + + + + +  

### Thyroid Gland

+ + + + + +  

### General Body System

NONE

### Genital System

**Epididymis**  
+ + + + + +  

**Preputial Gland**  
+ + + + + +  

**Prostate**  
+ + + + + +  

**Seminal Vesicle**  
+ + + + + +  

**Testes**  
+ + + + + +

### Hematopoietic System

**Bone Marrow**  
+ + + + + +  

**Lymph Node, Mandibular**  
+ + + + + +

**Lymph Node, Mesenteric**  
+ + + + + +

**Spleen**  
+ + + + + +

**Thymus**  
+ + + + + +

### Integumentary System

**Mammary Gland**  
+ + + + + +

**Skin**  
+ + + + + +

### Musculoskeletal System

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**Tissue Examined Microscopically:**

- **M**: Missing tissue  
- **A**: Autolysis precludes evaluation  
- **BLANK**: Not examined microscopically

**Lesion Present:**  
- **I**: Insufficient tissue

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

---

**Page 3**
**DAY ON TEST**

| F344/N Tac Rat Male 0 ppm | DAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID                 |     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bone                      | 4   | 5 | 6 | 7 | 8 | 9 | 10| 11| 12| 13| 14| 15| 16| 17| 18| 19| 20| 21| 22| 23| 24| 25|
| +                         |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Nervous System            | 26  | 27| 28| 29| 30| 31| 32| 33| 34| 35| 36| 37| 38| 39| 40| 41| 42| 43| 44| 45| 46| 47| 48|
| Brain                     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| +                         |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Respiratory System        | 49  | 50| 51| 52| 53| 54| 55| 56| 57| 58| 59| 60| 61| 62| 63| 64| 65| 66| 67| 68| 69| 70| 71|
| Lung                      |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| +                         |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Nose                      |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| +                         |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Trachea                   |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| +                         |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Special Senses System     | 72  | 73| 74| 75| 76| 77| 78| 79| 80| 81| 82| 83| 84| 85| 86| 87| 88| 89| 90| 91| 92| 93| 94|
| Eye                       |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| +                         |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Harderian Gland           |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| +                         |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Urinary System            | 95  | 96| 97| 98| 99| 100|101|102|103|104|105|106|107|108|109|110|111|112|113|114|115|116|117|
| Kidney                    |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| +                         |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Urinary Bladder           |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| +                         |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| SYSTEMIC LESIONS          | 118 | 119|120|121|122|123|124|125|126|127|128|129|130|131|132|133|134|135|136|137|138|139|140|
| Multiple Organ            |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| +                         |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

* ..Total animals with tissue examined microscopically; Total animals with tumor
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**First Dose M/F:** NA / NA  
**Lab:** BAT

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**DAY ON TEST**

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| 5           | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

**F344/N Tac Rat Male**  
**DMNA 5ppm**

| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7          | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 2          | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
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| 1          | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8          | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| *TOTALS | 12 |

**Alimentary System**

- **Esophagus**
- **Intestine Large, Cecum**
- **Intestine Large, Colon**
- **Intestine Large, Rectum**
- **Intestine Small, Duodenum**
- **Intestine Small, Ileum**
- **Intestine Small, Jejunum**
- **Liver**
- **Pancreas**
- **Salivary Glands**
- **Stomach, Forestomach**
- **Stomach, Glandular**

**Cardiovascular System**

- **Blood Vessel**
- **Heart**

**Endocrine System**

- **Adrenal Cortex**
- **Adrenal Medulla**
- **Islets, Pancreatic**
- **Parathyroid Gland**

---

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Page 5
**Experiment Number:** 20540-03  
**Test Type:** 150-DAY  
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**First Dose M/F:** NA / NA  
**Lab:** BAT

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*TOTALS*

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**TOTALS**

### Musculoskeletal System
- Bone
  - ANIMAL ID 12

### Nervous System
- Brain
  - ANIMAL ID 12

### Respiratory System
- Lung
  - ANIMAL ID 12
- Nose
  - ANIMAL ID 12
- Trachea
  - ANIMAL ID 12

### Special Senses System
- Eye
  - ANIMAL ID 12
- Harderian Gland
  - ANIMAL ID 12

### Urinary System
- Kidney
  - ANIMAL ID 24
- Urinary Bladder
  - ANIMAL ID 12

### SYSTEMIC LESIONS
- Multiple Organ
  - ANIMAL ID 24

***END OF MALE DATA***