Experiment Number: 61427-03
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Vanadium pentoxide
CAS Number: 1314-62-1

Date Report Requested: 10/23/2014
Time Report Requested: 02:30:19
First Dose M/F: NA / NA
Lab: IIT

C Number: C61427
Lock Date: 05/20/1992
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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### DAY ON TEST

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### Alimentary System

- **Esophagus**: + + + + + + + + + + 10
- **Intestine Large, Cecum**: + + + + + + + + + + 10
- **Intestine Large, Colon**: + + + + + + + + + + 10
- **Intestine Large, Rectum**: + + + + + + + + + + 10
- **Intestine Small, Duodenum**: + + + + + + + + + + 10
- **Intestine Small, Ileum**: + + + + + + + + + + 10
- **Intestine Small, Jejunum**: + + + + + + + + + + 10
- **Liver**: + + + + + + + + + + 10
- **Pancreas**: + + + + + + + + + + 10
- **Salivary Glands**: + + + + + + + + + + 10

### Cardiovascular System

- **Heart**: + + + + + + + + + + 10

### Endocrine System

- **Adrenal Cortex**: + + + + + + + + + + 10
- **Adrenal Medulla**: + + + + + + + + + + 10
- **Parathyroid Gland**: + + + + + + + + + + 10
- **Pituitary Gland**: + + + + + + + + + + 10
- **Thyroid Gland**: + + + + + + + + + + 10

### General Body System

**NONE**

---

* ..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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**F 344/N Rat Male**

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**Genital System**

- Epididymis: + + + + + + + + + + 10
- Preputial Gland: + + + + + + + + + + 10
- Prostate: + + + + + + + + + + 10
- Seminal Vesicle: + + + + + + + + + + 10
- Testes: + + + + + + + + + + 10

**Hematopoietic System**

- Bone Marrow: + + + + + + + + + + 10
- Lymph Node, Bronchial: + + + + M + + + M 8
- Lymph Node, Mandibular: + + + + + + + + + + 10
- Lymph Node, Mediastinal: + + + + + + + + + + 10
- Lymph Node, Mesenteric: + + + + + + + + + + 10
- Spleen: + + + + + + + + + + 10
- Thymus: + + + + + + + + + + 10

**Integumentary System**

- Mammary Gland: + + + + + + + + + + 10
- Skin: + + + + + + + + + + 10

**Musculoskeletal System**

- Bone: + + + + + + + + + + 10

**Nervous System**

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**Respiratory System**

- **Larynx**  
- **Lung**  
- **Nose**  
- **Trachea**

**Special Senses System**

- **NONE**

**Urinary System**

- **Kidney**  
- **Urinary Bladder**

**SYSTEMIC LESIONS**

- **Multiple Organ**

---

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**F 344/N Rat Male**
**1.00 MG/M3**

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*TOTALS*

### Alimentary System
- NONE

### Cardiovascular System
- NONE

### Endocrine System
- NONE

### General Body System
- NONE

### Genital System
- NONE

### Hematopoietic System
- NONE

### Integumentary System
- NONE

### Musculoskeletal System
- NONE

### Nervous System
- NONE

---

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Page 5
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Respiratory System

- Larynx: + + + + + + + + + +
- Lung: + + + + + + + + + +
- Nose: + + + + + + + + + +

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

- Multiple Organ: + + + + + + + + + +

---

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**F 344/N Rat Male**

2.00 MG/M³

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

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*TOTALS

Respiratory System

- Larynx + + + + + + + + 10
- Lung + + + + + + + + 10
- Nose + + + + + + + + + 10

Special Senses System

- NONE

Urinary System

- NONE

SYSTEMIC LESIONS

- Multiple Organ + + + + + + + + 10

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*TOTALS

Alimentary System
Liver + 1

Cardiovascular System
NONE

Endocrine System
NONE

General Body System
NONE

Genital System
NONE

Hematopoietic System
NONE

Lymph Node, Mediastinal + M 1

Integumentary System
NONE

Musculoskeletal System
NONE

Nervous System
Brain + 1

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
X ..Lesion present
I ..Insufficient tissue

Page 9
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**Respiratory System**

- **Larynx**: + + + + + + + + + + 10
- **Lung**: + + + + + + + + + + 10
- **Nose**: + + + + + + + + + + 10

**Special Senses System**

- **NONE**

**Urinary System**

- **NONE**

**SYSTEMIC LESIONS**

- **Multiple Organ**: + + + + + + + + + + 10

---

* ..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
### Alimentary System

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<th>Tissue</th>
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<td>Intestine Large, Colon</td>
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<tr>
<td>Intestine Large, Rectum</td>
<td>M</td>
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<tr>
<td>Intestine Small, Duodenum</td>
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<td>Intestine Small, Ileum</td>
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<tr>
<td>Intestine Small, Jejunum</td>
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<td>Liver</td>
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<td>Pancreas</td>
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### Cardiovascular System

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<td>Thyroid Gland</td>
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### General Body System

NONE

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* ..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
### Genital System

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<td>Lymph Node, Bronchial</td>
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<tr>
<td>Lymph Node, Mandibular</td>
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<td>Lymph Node, Mediastinal</td>
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### Integumentary System

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### Nervous System
**Experiment Number:** 61427-03  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Rat/F 344/N  
**Test Compound:** Vanadium pentoxide  
**CAS Number:** 1314-62-1  
**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 02:30:20  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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

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### Respiratory System

- **Larynx:** + + + + + + + + + 10  
- **Lung:** + + + + + + + + + 10  
- **Nose:** + + + + + + + + + 10  
- **Trachea:** + + + + + + + + + 10

### Special Senses System

- **NONE**

### Urinary System

- **Kidney:** + + + + + + + + + 10  
- **Urinary Bladder:** + + + + + + + + + 10

### SYSTEMIC LESIONS

- **Multiple Organ:** + + + + + + + + + 10

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
M ..Missing tissue  
+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
X ..Lesion present  
I ..Insufficient tissue  
BLANK ..Not examined microscopically
TABLE OF ORGANS EXAMINED MICROSCOPICALLY

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* ..Total animals with tissue examined microscopically; Total animals with tumor
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X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
**P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** Vanadium pentoxide  
**CAS Number:** 1314-62-1

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*TOTALS*

**Genital System**

- Epididymis  
  - ++ + + + + + + + +  
  - Total: 10

- Preputial Gland  
  - ++ + + + + + + + +  
  - Total: 10

- Prostate  
  - ++ + + + + + + + +  
  - Total: 10

- Seminal Vesicle  
  - ++ + + + + + + + +  
  - Total: 10

- Testes  
  - ++ + + + + + + + +  
  - Total: 10

**Hematopoietic System**

- Bone Marrow  
  - ++ + + + + + + + +  
  - Total: 10

- Lymph Node, Bronchial  
  - M + + M + M + M M +  
  - Total: 5

- Lymph Node, Mandibular  
  - M M + + + + + + + +  
  - Total: 8

- Lymph Node, Mediastinal  
  - M M + + + + + M + +  
  - Total: 7

- Lymph Node, Mesenteric  
  - + + + + + + + + +  
  - Total: 10

- Spleen  
  - ++ + + + + + + + +  
  - Total: 10

- Thymus  
  - ++ + + + + + M + +  
  - Total: 9

**Integumentary System**

- Mammary Gland  
  - + M + M + + + + + +  
  - Total: 8

- Skin  
  - + + + + + + + + + +  
  - Total: 10

**Musculoskeletal System**

- Bone  
  - + + + + + + + + + +  
  - Total: 10

**Nervous System**

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
M ..Missing tissue  
+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
X ..Lesion present  
I ..Insufficient tissue  
BLANK ..Not examined microscopically
Experiment Number: 61427-03
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

Date Report Requested: 10/23/2014
Time Report Requested: 02:30:20
First Dose M/F: NA / NA
Lab: IIT

Test Compound: Vanadium pentoxide
CAS Number: 1314-62-1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

DAY ON TEST

F 344/N Rat Male
16.00 MG/M3

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*TOTALS

Brain: + + + + + + + + + + + 10
Respiratory System
Larynx: + + + + + + + + + + + 10
Lung: + + + + + + + + + + + 10
Nose: + + + + + + + + + + + 10
Trachea: + + + + + + + + + + + 10

Special Senses System
NONE

Urinary System
Kidney: + + + + + + + + + + + 10
Urinary Bladder: + + + + + + + + + + + 10

SYSTEMIC LESIONS
Multiple Organ: + + + + + + + + + + + 10

***END OF MALE DATA***

* ..Total animals with tissue examined microscopically; Total animals with tumor
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I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
**Experiment Number:** 61427-03  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Rat/F 344/N  
**Test Compound:** Vanadium pentoxide  
**CAS Number:** 1314-62-1  
**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 02:30:20  
**First Dose M/F:** NA / NA  
**Lab:** IIT  

**F 344/N Rat Female**  
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*TOTALS

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### General Body System

**NONE**

---

* ..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
**Experiment Number:** 61427-03  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Rat/F 344/N  
**CAS Number:** 1314-62-1

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

**Test Compound:** Vanadium pentoxide  
**Date Requested:** 10/23/2014  
**Time Requested:** 02:30:20  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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### Genital System
- **Clitoral Gland**: + + + + + + + + + + 10
- **Ovary**: + + + + + + + + + + 10
- **Uterus**: + + + + + + + + + + 10

### Hematopoietic System
- **Bone Marrow**: + + + + + + + + + + 10
- **Lymph Node, Bronchial**: + + + + + + + + + + 10
- **Lymph Node, Mandibular**: + + + + + + + + + + 10
- **Lymph Node, Mediastinal**: + + + + M + + + + M 8
- **Lymph Node, Mesenteric**: + + + + + + + + + + 10
- **Spleen**: + + + + + + + + + + 10
- **Thymus**: + + + + + + + + + + 10

### Integumentary System
- **Mammary Gland**: + + + + + + + + + + 10
- **Skin**: + + + + + + + + + + 10

### Musculoskeletal System
- **Bone**: + + + + + + + + + + 10

### Nervous System
- **Brain**: + + + + + + + + + + 10

---

*..Total animals with tissue examined microscopically; Total animals with tumor  
M ..Missing tissue  
+ ..Tissue examined microscopically  
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X ..Lesion present  
I ..Insufficient tissue  
BLANK ..Not examined microscopically
**Experiment Number:** 61427-03  
**Test Type:** 90-DAY  
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**Species/Strain:** Rat/F 344/N  
**Test Compound:** Vanadium pentoxide  
**CAS Number:** 1314-62-1

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 02:30:20  
**First Dose M/F:** NA / NA  
**Lab:** IIT

### Respiratory System

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**Respiratory System**

- **Larynx:** + + + + + + + + + 10  
- **Lung:** + + + + + + + + + 10  
- **Nose:** + + + + + + + + + 10  
- **Trachea:** + + + + + + + + + 10

**Special Senses System**

**NONE**

**Urinary System**

- **Kidney:** + + + + + + + + + 10  
- **Urinary Bladder:** + + + + + + + + + 10

**SYSTEMIC LESIONS**

- **Multiple Organ:** + + + + + + + + + 10

* ..Total animals with tissue examined microscopically; Total animals with tumor  
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### Test Type: 90-DAY
### Route: RESPIRATORY EXPOSURE WHOLE BODY
### Species/Strain: Rat/F 344/N

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#### F 344/N Rat Female

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**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Ovary**

+ 1

**Hematopoietic System**

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**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

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First Dose M/F: NA / NA
Lab: IIT

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

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- **Respiratory System**
  - Larynx: + + + + + + + + + + 10
  - Lung: + + + + + + + + + + 10
  - Nose: + + + + + + + + + + 10

- **Special Senses System**
  - NONE

- **Urinary System**
  - NONE

- **SYSTEMIC LESIONS**
  - Multiple Organ: + + + + + + + + + + 10

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Species/Strain: Rat/F 344/N

Test Compound: Vanadium pentoxide
CAS Number: 1314-62-1

Date Report Requested: 10/23/2014
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First Dose M/F: NA / NA
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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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*TOTALS

Alimentary System

Liver + + 2
Pancreas + 1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + 1
Lymph Node, Mediastinal + + 2

Integumentary System

NONE

Musculoskeletal System

NONE

* ..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

Page 22
Experiment Number: 61427-03
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

Test Compound: Vanadium pentoxide
CAS Number: 1314-62-1

Date Report Requested: 10/23/2014
Time Report Requested: 02:30:20
First Dose M/F: NA / NA
Lab: IIT

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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**Nervous System**
- NONE

**Respiratory System**
- **Larynx**: + + + + + + + + + + + + + 10
- **Lung**: + + + + + + + + + + + + + 10
- **Nose**: + + + + + + + + + + + + + 10

**Special Senses System**
- NONE

**Urinary System**
- NONE

**SYSTEMIC LESIONS**
- **Multiple Organ**: + + + + + + + + + 10

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
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X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
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Experiment Number: 61427-03  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: Rat/F 344/N  
Test Compound: Vanadium pentoxide  
CAS Number: 1314-62-1  
Date Report Requested: 10/23/2014  
Time Report Requested: 02:30:20  
First Dose M/F: NA / NA  
Lab: IIT

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4.00 MG/M3 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| ANIMAL ID     | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

*TOTALS

Alimentary System

Liver + 1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mandibular + 1

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

*..Total animals with tissue examined microscopically; Total animals with tumor  
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### Experiment Number: 61427-03

**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Rat/F 344/N

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

**CAS Number:** 1314-62-1

**Test Compound:** Vanadium pentoxide

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 02:30:21

**First Dose M/F:** NA / NA  
**Lab:** IIT

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**Respiratory System**

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**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

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* ..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
## DAY ON TEST

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### Alimentary System

- **Esophagus**: + + + + + + + + + + 10
- **Intestine Large, Cecum**: + + + + + + + + + + 10
- **Intestine Large, Colon**: + + + + + + + + + + 10
- **Intestine Large, Rectum**: + + + + + + + + + + 10
- **Intestine Small, Duodenum**: + + + + + + + + + + 10
- **Intestine Small, Ileum**: + + + + + + + + + + 10
- **Intestine Small, Jejunum**: + + + + + + + + + + 10
- **Liver**: + + + + + + + + + + 10
- **Pancreas**: + + + + + + + + + + 10
- **Salivary Glands**: + + + + + + + + + + 10

### Cardiovascular System

- **Heart**: + + + + + + + + + + 10

### Endocrine System

- **Adrenal Cortex**: + + + + + + + + + + 10
- **Adrenal Medulla**: + + + + + + + + + + 10
- **Parathyroid Gland**: M M M + M M M + M 2
- **Pituitary Gland**: + + + + + + + + + + 10
- **Thyroid Gland**: + + + + + + + + + + 10

### General Body System

NONE

---

* ..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

Page 26
Experiment Number: 61427-03
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

Test Compound: Vanadium pentoxide
CAS Number: 1314-62-1

Date Report Requested: 10/23/2014
Time Report Requested: 02:30:21
First Dose M/F: NA / NA
Lab: IIT

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

F 344/N Rat Female
8.00 MG/M3

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*TOTALS

Genital System
- Clitoral Gland: + + + + + + + + + 10
- Ovary: + + + + + + + + + 10
- Uterus: + + + + + + + + + 10

Hematopoietic System
- Bone Marrow: + + + + + + + + + 10
- Lymph Node, Bronchial: + + + + + + + + + 10
- Lymph Node, Mandibular: + + + + + + + + + 10
- Lymph Node, Mediastinal: + + + + + + + + + 10
- Lymph Node, Mesenteric: + + + + + + + + + 10
- Spleen: + + + + + + + + + 10
- Thymus: + + + + + + + + + 10

Integumentary System
- Mammary Gland: + + + + + + + + + 10
- Skin: + + + + + + + + + 10

Musculoskeletal System
- Bone: + + + + + + + + + 10

Nervous System
- Brain: + + + + + + + + + 10

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+ ..Tissue examined microscopically
M ..Missing tissue
A ..Autolysis precludes evaluation
X ..Lesion present
I ..Insufficient tissue
BLANK ..Not examined microscopically
Experiment Number: 61427-03
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N
Test Compound: Vanadium pentoxide
CAS Number: 1314-62-1

Date Report Requested: 10/23/2014
Time Report Requested: 02:30:21
First Dose M/F: NA / NA
Lab: IIT

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 |
| F 344/N Rat Female | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 8.00 MG/M3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**ANIMAL ID**

| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

*TOTALS*

**Respiratory System**

Larynx

+ + + I + + + + + + + + 9

Lung

+ + + + + + + + + + + + + 10

Nose

+ + + + + + + + + + + + + 10

Trachea

+ + + + + + + + + + + + + 10

**Special Senses System**

NONE

**Urinary System**

Kidney

+ + + + + + + + + + + + 10

Urinary Bladder

+ + + + + + M M M 7

**SYSTEMIC LESIONS**

Multiple Organ

+ + + + + + + + + + + + 10

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

**Test Compound:** Vanadium pentoxide  
**CAS Number:** 1314-62-1

#### Experiment Number: 61427-03  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Rat/F 344/N

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 02:30:21  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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X ..Lesion present  
I ..Insufficient tissue  
M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

Page 29
### Genital System

- **Clitoral Gland**: + + + + + + + + + 10
- **Ovary**: + + + + + + + + + 10
- **Uterus**: + + + + + + + + + 10

### Hematopoietic System

- **Bone Marrow**: + + + + + + + + + 10
- **Lymph Node, Bronchial**: + M + + + + + + + 9
- **Lymph Node, Mandibular**: M + + + M + + + 8
- **Lymph Node, Mediastinal**: M + M + + + + + + M 7
- **Lymph Node, Mesenteric**: + + + + + + + + + 10
- **Spleen**: + + + + + + + + + 10
- **Thymus**: + + M + + + + + + + 9

### Integumentary System

- **Mammary Gland**: + + + M + + + + + + 9
- **Skin**: + + + + + + + + + + 10

### Musculoskeletal System

- **Bone**: + + + + + + + + + 10

### Nervous System

- **Brain**: + + + + + + + + + 10

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*..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
Experiment Number: 61427-03  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: Rat/F 344/N  
Test Compound: Vanadium pentoxide  
CAS Number: 1314-62-1  
Date Report Requested: 10/23/2014  
Time Report Requested: 02:30:21  
First Dose M/F: NA / NA  
Lab: IIT

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**END OF REPORT**