

## NECROPSY RECORD

Identification: Mica coated with  $TiO_2$  (calumil) Group: 6.6 mg/l + 14 Bay Sex: ♂

Haskell Number 2838 582 Species: Ch BD Rat No.: 45838

Post-Mortem Change:

Autopsy Date: 2-15-61

| Organ                    | Weight | Fixative |       | Lesion               |
|--------------------------|--------|----------|-------|----------------------|
|                          |        | Bouin    | Form. |                      |
| Thorax/Abdomen           |        |          |       | nd                   |
| Thymus                   | 0.53   |          |       | "                    |
| Heart and Vessels        | 1.15   |          |       | "                    |
| Lungs                    | 1.38   |          |       | Pulmonary congestion |
| Lymph Nodes              |        |          |       | nd.                  |
| Esophagus/Trachea/Larynx |        |          |       | "                    |
| Thyroid/Parathyroids     |        |          |       | "                    |
| Salivary Glands          |        |          |       | "                    |
| Liver                    | 16.28  |          |       | "                    |
| Spleen                   | 0.76   |          |       | "                    |
| Pancreas                 |        |          |       | "                    |
| Kidneys                  | 2.80   |          |       | "                    |
| Suprarenals              | .050   |          |       | "                    |
| Testes/Ovary             | 3.20   |          |       | "                    |
| Epididymus/Fimbria       |        |          |       | "                    |
| Sem. Ves./Fallop. Tubes  |        |          |       | "                    |
| Prostate/Uterus          |        |          |       | "                    |
| Bladder/Ureters          |        |          |       | "                    |
| Stomach                  | 1.43   |          |       | "                    |
| Duodenum/Jejunum/Ileum   |        |          |       | "                    |
| Cecum/Colon/Rectum       |        |          |       | "                    |
| Brain/Spinal Cord        | 2.01   |          |       | "                    |
| Pituitary                |        |          |       | "                    |
| Eye/Nerve                |        |          |       | "                    |
| Diaphragm/Muscle         |        |          |       | "                    |
| Bone/Marrow              |        |          |       | "                    |
| Skin and Appendages      |        |          |       | "                    |
| Ear/Nose/Mouth           |        |          |       | "                    |

**N37274**

PATHOLOGY REPORT

Material: Mice worked with released  $TiO_2$  (65% min 35%  $TiO_2$ ) 1-100%  
Haskell No: 2838 MR- 582 T.I. 811

Book: Pigments Inhalation

Page: 15 11

Species and No:

G.P.  
Rat 45838'  
Rb.  
Mouse

Test: ALC dust

Dose: 6.6 mg/l

Date: Killed  
Died  
2/15/61 Found Dead

Hours  
Days After Treatment 14

CLINICAL

SE dyspnea during exp.

GROSS (N.P. = No Pathology Found)

Date: 2-15-61

By: Johnson, Stenholm

Sex: ♂

P.M. Change:

General:

Heart:  
Trachea:  
Lungs:  
Spleen:  
Pancreas:

Esophagus:  
Stomach:  
Intestine:  
Small  
Large

Liver:  
Adrenals:  
Kidneys:  
Bladder:  
Genitals:

Thymus:  
Thyroid:  
Lymph Nodes:  
Brain:  
Pituitary:

MICROSCOPIC

Heart:  
Trachea:  
Lungs:  
Spleen:  
Pancreas:

Esophagus:  
Stomach:  
Intestine:  
Small  
Large

Liver:  
Adrenals:  
Kidneys:  
Bladder:  
Gonads:

Thyroid:  
Lymph Nodes:  
Brain:  
Pituitary:  
Nerve:

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