

**Experiment Number:** 88036-99  
**Test Type:** 18-33 DAYS  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**

**Test Compound:** Anthraquinone  
**CAS Number:** 84-65-1

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 19:19:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C88036
<b>Lock Date:</b>	03/29/1999
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

Experiment Number: 88036-99  
Test Type: 18-33 DAYS  
Route: DOSED FEED  
Species/Strain: Rat/F 344/N

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
Test Compound: Anthraquinone  
CAS Number: 84-65-1

Date Report Requested: 10/22/2014  
Time Report Requested: 19:19:52  
First Dose M/F: NA / NA  
Lab: BAT

F 344/N Rat MALE	0 PPM	469 PPM	938 PPM	3750 PPM
<b>Disposition Summary</b>				
Animals Initially In Study	20	20	20	20
Scheduled Sacrifice	10	10	10	10
Early Deaths				
Survivors				
Terminal Sacrifice	10	10	10	10
Animals Examined Microscopically	10	10	10	10
ALIMENTARY SYSTEM				
Liver	(10)	(10)	(10)	(10)
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
None				
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
None				
HEMATOPOIETIC SYSTEM				
None				
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

Experiment Number: 88036-99

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/22/2014

Time Report Requested: 19:19:52

First Dose M/F: NA / NA

Lab: BAT

---

<b>F 344/N Rat MALE</b>	<b>0 PPM</b>	<b>469 PPM</b>	<b>938 PPM</b>	<b>3750 PPM</b>
<hr/>				
None				
<hr/>				
RESPIRATORY SYSTEM				
None				
<hr/>				
SPECIAL SENSES SYSTEM				
None				
<hr/>				
URINARY SYSTEM				
Kidney	(10)	(10)	(10)	(10)
Urinary Bladder	(10)	(10)	(10)	(10)

---

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

**Experiment Number:** 88036-99  
**Test Type:** 18-33 DAYS  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Anthraquinone  
**CAS Number:** 84-65-1

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 19:19:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**F 344/N Rat MALE**

**0 PPM**

**469 PPM**

**938 PPM**

**3750 PPM**

---

**Tumor Summary for MALE**

**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 DATA\*\*\*

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

Experiment Number: 88036-99  
Test Type: 18-33 DAYS  
Route: DOSED FEED  
Species/Strain: Rat/F 344/N

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
Test Compound: Anthraquinone  
CAS Number: 84-65-1

Date Report Requested: 10/22/2014  
Time Report Requested: 19:19:52  
First Dose M/F: NA / NA  
Lab: BAT

F 344/N Rat FEMALE	0 PPM	469 PPM	938 PPM	3750 PPM
<b>Disposition Summary</b>				
Animals Initially In Study	20	20	20	20
Scheduled Sacrifice	10	10	10	10
Early Deaths				
Survivors				
Terminal Sacrifice	10	10	10	10
Animals Examined Microscopically	10	10	10	10
ALIMENTARY SYSTEM				
Liver	(10)	(10)	(10)	(10)
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
None				
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
None				
HEMATOPOIETIC SYSTEM				
None				
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

Experiment Number: 88036-99

Test Type: 18-33 DAYS

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**

Test Compound: Anthraquinone

CAS Number: 84-65-1

Date Report Requested: 10/22/2014

Time Report Requested: 19:19:52

First Dose M/F: NA / NA

Lab: BAT

---

<b>F 344/N Rat FEMALE</b>	<b>0 PPM</b>	<b>469 PPM</b>	<b>938 PPM</b>	<b>3750 PPM</b>
<hr/>				
None				
<hr/>				
RESPIRATORY SYSTEM				
None				
<hr/>				
SPECIAL SENSES SYSTEM				
None				
<hr/>				
URINARY SYSTEM				
Kidney	(10)	(10)	(10)	(10)
Urinary Bladder	(10)	(10)	(10)	(10)

---

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

**Experiment Number:** 88036-99  
**Test Type:** 18-33 DAYS  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Anthraquinone  
**CAS Number:** 84-65-1

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 19:19:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**F 344/N Rat FEMALE**

**0 PPM**

**469 PPM**

**938 PPM**

**3750 PPM**

---

**Tumor Summary for FEMALE**

**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

\* Number of animals with any tissue examined microscopically