

**Experiment Number:** 96011-01  
**Test Type:** 14-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Rat/F 344/N

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

**Test Compound:** Cumene  
**CAS Number:** 98-82-8

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:07:31  
**First Dose M/F:** NA / NA  
**Lab:** BNW

<b>C Number:</b>	C96011
<b>Lock Date:</b>	02/05/2001
<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: 96011-01

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

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Cumene

Time Report Requested: 20:07:31

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 98-82-8

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BNW

F 344/N Rat MALE	CONTROL	250 PPM	500 PPM	1000 PPM	2000 PPM	4000 PPM
<b>Disposition Summary</b>						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Natural Death					2	5
Survivors						
Terminal Sacrifice	5	5	5	5	3	
Animals Examined Microscopically	5	5	5	5	5	5
<b>ALIMENTARY SYSTEM</b>						
Liver	(5)	(0)	(0)	(5)	(5)	(5)
Stomach, Forestomach	(0)	(0)	(0)	(0)	(0)	(4)
Stomach, Glandular	(0)	(0)	(0)	(0)	(0)	(4)
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
None						
<b>HEMATOPOIETIC SYSTEM</b>						
None						
<b>INTEGUMENTARY SYSTEM</b>						
None						
<b>MUSCULOSKELETAL SYSTEM</b>						

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: 96011-01

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

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

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/21/2014

Time Report Requested: 20:07:31

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat MALE	CONTROL	250 PPM	500 PPM	1000 PPM	2000 PPM	4000 PPM
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Larynx	(0)	(1)	(0)	(0)	(0)	(0)
Lung	(5)	(1)	(0)	(5)	(5)	(5)
Nose	(5)	(0)	(0)	(0)	(5)	(5)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(5)	(5)	(5)	(5)	(5)	(5)
Urinary Bladder	(0)	(0)	(0)	(0)	(1)	(0)

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:** 96011-01

**Test Type:** 14-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Rat/F 344/N

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

**Test Compound:** Cumene

**CAS Number:** 98-82-8

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 20:07:31

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

**Lab:** BNW

---

<b>F 344/N Rat MALE</b>	<b>CONTROL</b>	<b>250 PPM</b>	<b>500 PPM</b>	<b>1000 PPM</b>	<b>2000 PPM</b>	<b>4000 PPM</b>
-------------------------	----------------	----------------	----------------	-----------------	-----------------	-----------------

---

**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: 96011-01

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

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

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/21/2014

Time Report Requested: 20:07:31

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat FEMALE	CONTROL	250 PPM	500 PPM	1000 PPM	2000 PPM	4000 PPM
<b>Disposition Summary</b>						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Natural Death					3	5
Survivors						
Terminal Sacrifice	5	5	5	5	2	
Animals Examined Microscopically	5			5	5	5
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(0)	(0)	(0)	(0)	(1)	(0)
Liver	(5)	(0)	(0)	(0)	(5)	(5)
Stomach, Forestomach	(0)	(0)	(0)	(0)	(0)	(3)
Stomach, Glandular	(0)	(0)	(0)	(0)	(0)	(3)
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
None						
<b>HEMATOPOIETIC SYSTEM</b>						
None						
<b>INTEGUMENTARY SYSTEM</b>						
None						

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: 96011-01

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

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

Test Compound: Cumene

CAS Number: 98-82-8

Date Report Requested: 10/21/2014

Time Report Requested: 20:07:31

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat FEMALE	CONTROL	250 PPM	500 PPM	1000 PPM	2000 PPM	4000 PPM
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Larynx	(0)	(0)	(0)	(0)	(1)	(1)
Lung	(5)	(0)	(0)	(5)	(5)	(5)
Nose	(5)	(0)	(0)	(0)	(5)	(5)
Pleura	(0)	(0)	(0)	(0)	(0)	(1)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(0)	(5)	(5)
Urinary Bladder	(0)	(0)	(0)	(0)	(1)	(0)

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:** 96011-01  
**Test Type:** 14-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Rat/F 344/N

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Cumene  
**CAS Number:** 98-82-8

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:07:31  
**First Dose M/F:** NA / NA  
**Lab:** BNW

---

<b>F 344/N Rat FEMALE</b>	<b>CONTROL</b>	<b>250 PPM</b>	<b>500 PPM</b>	<b>1000 PPM</b>	<b>2000 PPM</b>	<b>4000 PPM</b>
---------------------------	----------------	----------------	----------------	-----------------	-----------------	-----------------

---

**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