

Experiment Number: 92005-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:36:00

First Dose M/F: NA / NA

Lab: NIEHS

C Number: C92005

Lock Date: Not Entered.

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date: NONE

Experiment Number: 92005-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:36:00

First Dose M/F: NA / NA

Lab: NIEHS

F 344/N Rat MALE	0PPM	0.5PPM	1PPM	2PPM
Disposition Summary				
Animals Initially In Study	9	10	10	10
Early Deaths				
Survivors				
Terminal Sacrifice	9	10	10	10
Animals Examined Microscopically	9	10	10	10
ALIMENTARY SYSTEM				
Liver	(9)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM				
Heart	(9)	(0)	(0)	(9)
ENDOCRINE SYSTEM				
None				
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Epididymis	(9)	(0)	(0)	(8)
Testes	(9)	(0)	(0)	(9)
HEMATOPOIETIC SYSTEM				
Spleen	(9)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
Bone	(9)	(0)	(0)	(10)
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: 92005-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:36:00

First Dose M/F: NA / NA

Lab: NIEHS

F 344/N Rat MALE	0PPM	0.5PPM	1PPM	2PPM
None				
RESPIRATORY SYSTEM				
Larynx	(9)	(0)	(0)	(10)
Lung	(9)	(0)	(0)	(10)
Nose	(9)	(10)	(10)	(10)
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(9)	(0)	(0)	(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: 92005-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:36:00

First Dose M/F: NA / NA

Lab: NIEHS

F 344/N Rat MALE

0PPM

0.5PPM

1PPM

2PPM

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: 92005-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:36:00

First Dose M/F: NA / NA

Lab: NIEHS

F 344/N Rat FEMALE	0PPM	0.5PPM	1PPM	2PPM
Disposition Summary				
Animals Initially In Study	10	10	10	10
Early Deaths				
Survivors				
Terminal Sacrifice	10	10	10	10
Animals Examined Microscopically	10	10	10	10
ALIMENTARY SYSTEM				
Liver	(10)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM				
Heart	(10)	(0)	(0)	(10)
ENDOCRINE SYSTEM				
None				
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Ovary	(10)	(0)	(0)	(10)
Uterus	(10)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM				
Spleen	(10)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
Bone	(10)	(0)	(0)	(10)
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: 92005-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:36:00

First Dose M/F: NA / NA

Lab: NIEHS

F 344/N Rat FEMALE	0PPM	0.5PPM	1PPM	2PPM
None				
RESPIRATORY SYSTEM				
Larynx	(10)	(0)	(0)	(10)
Lung	(10)	(0)	(0)	(10)
Nose	(10)	(10)	(10)	(10)
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(10)	(0)	(0)	(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: 92005-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Test Compound: Methyl vinyl ketone

CAS Number: 78-94-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:36:00

First Dose M/F: NA / NA

Lab: NIEHS

F 344/N Rat FEMALE

0PPM

0.5PPM

1PPM

2PPM

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