Experiment Number: 20724 - 01 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

CAS Number: 513-86-0

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

NTP Study Number: C20724

Lock Date: 03/04/2010

Cage Range: ALL

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/Wistar Han

Test Type: 14-DAY

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Both

TDMSE Version: 3.0.2.3_002

PWG Approval Date: NONE

Note: Animals arranged according to days on test.

Species/Strain: RATS/Wistar Han

Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Type: 14-DAY

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

CAS Number: 513-86-0

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7
ANIMAL ID	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
	1	2	3	4	5

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I.. Insufficient tissue

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/Wistar Han

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

CAS Number: 513-86-0

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

DAY ON TEST WISTAR HAN RATS MALE	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
Control ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	* TOTALS
NERVOUS SYSTEM		•			-	
NONE						
RESPIRATORY SYSTEM						
Larynx	+	+	+	+	+	5
Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5
SPECIAL SENSES SYSTEM						
NONE						
URINARY SYSTEM						
NONE						
SYSTEMIC LESIONS						
Multiple Organ	+	+	+	+	+	5

^{* ..} 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

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/Wistar Han

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

CAS Number: 513-86-0

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

WISTAR HAN RATS MA 6.25 PPM	DAY ON TEST ANIMAL ID	
		* TOTALS
ALIMENTARY SYSTEM		
NONE		
CARDIOVASCULAR SYS	ГЕМ	
NONE		
ENDOCRINE SYSTEM		
NONE		
GENERAL BODY SYSTE	Л	
NONE		
GENITAL SYSTEM		
NONE		
HEMATOPOIETIC SYST	М	
NONE		
INTEGUMENTARY SYST	EM	
NONE		
MUSCULOSKELETAL S	STEM	
NONE		
NERVOUS SYSTEM		

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Experiment Number: 20724 - 01 Fest Type: 14-DAY Route: RESPIRATORY EXPOSURE WHOLE BODY Species/Strain: RATS/Wistar Han	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Acetoin CAS Number: 513-86-0	Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08 Lab: BNW
DAY ON TEST		
WISTAR HAN RATS MALE		
6.25 PPM		
ANIMAL ID		
		* TOTALS
NONE		
RESPIRATORY SYSTEM		
NONE		
SPECIAL SENSES SYSTEM		
NONE		

SYSTEMIC LESIONS

URINARY SYSTEM

NONE

Multiple Organ

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/Wistar Han

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

CAS Number: 513-86-0

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

WISTAR HAN RATS M 25 PPM	DAY ON TEST ALE ANIMAL ID	
		* TOTALS
ALIMENTARY SYSTEM	I	
NONE		
CARDIOVASCULAR S	/STEM	
NONE		
ENDOCRINE SYSTEM		
NONE		
GENERAL BODY SYS	EM	
NONE		
GENITAL SYSTEM		
NONE		
HEMATOPOIETIC SYS	TEM	
NONE		
INTEGUMENTARY SY	STEM	
NONE		
MUSCULOSKELETAL	SYSTEM	
NONE		
NERVOUS SYSTEM		

^{* ..} 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: 20724 - 01 Fest Type: 14-DAY Route: RESPIRATORY EXPOSURE WHOLE BODY Species/Strain: RATS/Wistar Han	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Acetoin CAS Number: 513-86-0	Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08 Lab: BNW
DAY ON TEST		
WISTAR HAN RATS MALE		
25 PPM		
ANIMAL ID		
		* TOTALS
NONE		
RESPIRATORY SYSTEM		
NONE		
SPECIAL SENSES SYSTEM		
NONE		

NONE

SYSTEMIC LESIONS

Multiple Organ

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/Wistar Han

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

CAS Number: 513-86-0

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

WISTAR HAN RAT	DAY ON TEST	
100 PPM		
	ANIMAL ID	
		* TOTALS
ALIMENTARY SYS	STEM	
NONE		
CARDIOVASCULA	R SYSTEM	
NONE		
ENDOCRINE SYST	ГЕМ	
NONE		
GENERAL BODY	SYSTEM	
NONE		
GENITAL SYSTEM	I	
NONE		
HEMATOPOIETIC	SYSTEM	
NONE		
INTEGUMENTARY	SYSTEM	
NONE		
MUSCULOSKELET	FAL SYSTEM	
NONE		
NERVOUS SYSTE		

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Experiment Number: 20724 - 01 Fest Type: 14-DAY Route: RESPIRATORY EXPOSURE WHOLE BODY Species/Strain: RATS/Wistar Han	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Acetoin CAS Number: 513-86-0	Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08 Lab: BNW
DAY ON TEST		
100 PPM ANIMAL ID		
		* TOTALS
NONE		
RESPIRATORY SYSTEM		
NONE		
SPECIAL SENSES SYSTEM		
NONE		

SYSTEMIC LESIONS

URINARY SYSTEM

NONE

Multiple Organ

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/Wistar Han

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

CAS Number: 513-86-0

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

WISTAR HAN RA	DAY ON TEST	
400 PPM		
	ANIMAL ID	
		* TOTALS
ALIMENTARY SY	/STEM	
NONE		
CARDIOVASCUL	AR SYSTEM	
NONE		
ENDOCRINE SYS	STEM	
NONE		
GENERAL BODY	SYSTEM	
NONE		
GENITAL SYSTE	M	
NONE		
HEMATOPOIETIC	SYSTEM	
NONE		
INTEGUMENTAR	Y SYSTEM	
NONE		
MUSCULOSKELE	ETAL SYSTEM	
NONE		
NERVOUS SYSTI	EM	

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Experiment Number: 20724 - 01 Test Type: 14-DAY Route: RESPIRATORY EXPOSURE WHOLE BODY Species/Strain: RATS/Wistar Han	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Acetoin CAS Number: 513-86-0	Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08 Lab: BNW
DAY ON TEST		
NISTAR HAN RATS MALE		
100 PPM		
ANIMAL ID		
		* TOTALS
NONE		
RESPIRATORY SYSTEM		
NONE		
SPECIAL SENSES SYSTEM		
NONE		

NONE

SYSTEMIC LESIONS

Multiple Organ

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/Wistar Han

Acetoin

CAS Number: 513-86-0

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

PPM

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

 Lymph Node, Bronchial
 +
 M
 +
 +
 +
 +
 +
 +
 -

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I.. Insufficient tissue

Route: RESPIRATORY EXPOSURE WHOLE BODY **CAS Number:** 513-86-0 First Dose M/F: 10/27/08 / 10/27/08 Species/Strain: RATS/Wistar Han Lab: BNW 0 0 0 0 DAY ON TEST Ō Õ 0 1 7 **WISTAR HAN RATS MALE** 7 7 7 7 800 PPM 0 0 0 0 1 1 1 1 ANIMAL ID 0 0 0 0 0 0 0 0 0 0 2 3 4 5 * TOTALS **NERVOUS SYSTEM** NONE RESPIRATORY SYSTEM 5 Larynx 5 Lung Nose 5 5 Trachea SPECIAL SENSES SYSTEM NONE

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

URINARY SYSTEM

Experiment Number: 20724 - 01

Test Type: 14-DAY

NONE

SYSTEMIC LESIONS

Multiple Organ + + + +

*** END OF MALE DATA ***

Date Report Requested: 05/19/2016

5

Time Report Requested: 10:29:38

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I.. Insufficient tissue

A .. Autolysis precludes evaluation

Species/Strain: RATS/Wistar Han

Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Type: 14-DAY

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

CAS Number: 513-86-0

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

 Lymph Node
 +
 1

 Lymph Node, Bronchial
 +
 +
 M
 H

Lymph Node, Mediastinal + + + M +

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

- * .. 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

Test Type: 14-DAY

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38

First Page M/F 40/07/09 / 40/07

First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/Wistar Han

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
Control ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	0	0	0	0	0
	1	2	3	4	5

Acetoin CAS Number: 513-86-0

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Larynx	+ + + + +	5
Lung	+ + + + +	5
Nose	+ + + + +	5
Trachea	+ + + + +	5

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ + + + +

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/Wistar Han

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

CAS Number: 513-86-0

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

DAY ON TEST WISTAR HAN RATS FEMALE	
6.25 PPM	
ANIMAL ID	
	* TOTAL O
	* 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	

^{* ..} 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

Experiment Number: 20724 - 01 Fest Type: 14-DAY Route: RESPIRATORY EXPOSURE WHOLE BODY Species/Strain: RATS/Wistar Han	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Acetoin CAS Number: 513-86-0	Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08 Lab: BNW
DAY ON TEST		
WISTAR HAN RATS FEMALE		<u> </u>
6.25 PPM		
ANIMAL ID		
		* TOTALS
NONE		
RESPIRATORY SYSTEM		
NONE		
SPECIAL SENSES SYSTEM		
NONE		

NONE

SYSTEMIC LESIONS

Multiple Organ

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/Wistar Han

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

CAS Number: 513-86-0

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

DAY ON TEST WISTAR HAN RATS FEMALE	
25 PPM	
ANIMAL ID	
	* 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	

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Experiment Number: 20724 - 01	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)	Date Report Requested: 05/19/2016
Test Type: 14-DAY	Acetoin	Time Report Requested: 10:29:38
Route: RESPIRATORY EXPOSURE WHOLE BODY	CAS Number: 513-86-0	First Dose M/F: 10/27/08 / 10/27/08
Species/Strain: RATS/Wistar Han		Lab: BNW
DAY ON TEST		
WISTAR HAN RATS FEMALE		
25 PPM		
ANIMAL ID		
		* TOTALS
NONE		
RESPIRATORY SYSTEM		
NONE		
SPECIAL SENSES SYSTEM		

NONE

NONE

SYSTEMIC LESIONS

Multiple Organ

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/Wistar Han

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

CAS Number: 513-86-0

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

DAY WISTAR HAN RATS FEMALE	ON TEST	
100 PPM		
	IIMAL ID	
		* TOTALS
ALIMENTARY SYSTEM		
NONE		
CARDIOVASCULAR SYSTEM		
NONE		
ENDOCRINE SYSTEM		
NONE		
GENERAL BODY SYSTEM		
NONE		
GENITAL SYSTEM		
NONE		
HEMATOPOIETIC SYSTEM		
NONE		
INTEGUMENTARY SYSTEM		
NONE		
MUSCULOSKELETAL SYST	M	
NONE		
NERVOUS SYSTEM		

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Experiment Number: 20724 - 01 Test Type: 14-DAY Route: RESPIRATORY EXPOSURE WHOLE BODY Species/Strain: RATS/Wistar Han	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Acetoin CAS Number: 513-86-0	Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08 Lab: BNW
DAY ON TEST		
WISTAR HAN RATS FEMALE		
100 PPM		
ANIMAL ID		
		* TOTALS
NONE		
RESPIRATORY SYSTEM		
NONE		

SPECIAL SENSES SYSTEM

NONE

NONE

SYSTEMIC LESIONS

Multiple Organ

0

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/Wistar Han

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

CAS Number: 513-86-0

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

DAY ON TEST WISTAR HAN RATS FEMALE	
400 PPM	
ANIMAL ID	
	* 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	

^{* ..} 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

Experiment Number: 20724 - 01 Fest Type: 14-DAY Route: RESPIRATORY EXPOSURE WHOLE BODY Species/Strain: RATS/Wistar Han	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Acetoin CAS Number: 513-86-0	Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08 Lab: BNW
DAY ON TEST WISTAR HAN RATS FEMALE		
400 PPM		
ANIMAL ID		
		* TOTALS
NONE		
RESPIRATORY SYSTEM		
NONE		
SPECIAL SENSES SYSTEM		
NONE		

NONE

Multiple Organ

SYSTEMIC LESIONS

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

Species/Strain: RATS/Wistar Han

Route: RESPIRATORY EXPOSURE WHOLE BODY

Test Type: 14-DAY

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

CAS Number: 513-86-0

Date Report Requested: 05/19/2016 Time Report Requested: 10:29:38 First Dose M/F: 10/27/08 / 10/27/08

Lab: BNW

DAYON TEGT	0	0	0	0	0	
DAY ON TEST	0	0	0	0	0	
WISTAR HAN RATS FEMALE	1	1 1	1	1 1	1	
	/	/	/	1	1	
800 PPM	0	0	0	0	0	
	l ĭ	l ĭ	l ĭ	l ĭ	Ĭ	
ANIMAL ID	1	1	1	1	1	
	0	0	0	0	0	
	1	2	3	4	5	

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Lymph Node, Bronchial + + M + +

Lymph Node, Mediastinal + + + + + + 5

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

Route: RESPIRATORY EXPOSURE WHOLE BODY **CAS Number:** 513-86-0 First Dose M/F: 10/27/08 / 10/27/08 Species/Strain: RATS/Wistar Han Lab: BNW 0 0 0 0 DAY ON TEST Ō Õ 0 1 7 **WISTAR HAN RATS FEMALE** 7 7 7 7 800 PPM 0 0 0 0 1 1 1 1 ANIMAL ID 1 1 1 1 Ö 0 0 0 0 3 2 4 5 * TOTALS **NERVOUS SYSTEM** NONE RESPIRATORY SYSTEM 5 Larynx 5 Lung Nose 5 5 Trachea SPECIAL SENSES SYSTEM

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Acetoin

.....

Experiment Number: 20724 - 01

Test Type: 14-DAY

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + + +

*** END OF REPORT ***

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 05/19/2016

Time Report Requested: 10:29:38

^{* ..} Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I.. Insufficient tissue