Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: GAVAGE

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

CAS Number: 67-47-0

Date Report Requested: 10/18/2014 Time Report Requested: 18:37:30

First Dose M/F: NA / NA

Lab: BAT

C Number: C95011

Lock Date: 11/10/1997

Cage Range: All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date NONE

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY **Route:** GAVAGE

CAS Number: 67-47-0

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:30

Lab: BAT

Species/Strain: Rat/F 344/N

F 344/N Rat Male 0 MG/KG

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
V VIIIVAVI ID	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	7	8	9	0

*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

Brain + + + + 5

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY **Route:** GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

F 344/N Rat Male

First Dose M/F: NA / NA Lab: BAT

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:31

DAY ON TEST	0	0	0	0	0	0	0	0	0	0												
	9	9	9	9	9	9	9	9	9	9												
	4	4	4	4	4	4	4	4	4	4												
ANIMAL ID	0	0	0	0	0	0	0	0	0	0												
	0 1	0	0	0	0	0	0	0	0	0												
	2	2	2	2	2	2	2	2	2	3	47		-от	-O-T A I	-O-TAL C	-O-TAL C	-O-TAL C	-O-TAL O	-O-TALO	-OTALO	-OTALO	-O-TALO
	1	2	3	4	5	6	7	8	9	0	_ ^	U	O	OTAL	OTALS	OTALS	OTALS	OTALS	OTALS	OTALS	OTALS	OTALS

Spinal Cord

0 MG/KG

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

5

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY **Route:** GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

7-0 First Dose M/F: NA / NA

Lab: BAT

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:31

F 344/N Rat Male 94 MG/KG

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
V V II V V V I I I I	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0

*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

Brain + + + + 5

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY **Route:** GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

F 344/N Rat Male

First Dose M/F: NA / NA Lab: BAT

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:31

DAY ON TEST	0	0	0	0	0	0	0	0	0	0															
	9	9	9	9	9	9	9	9	9	9															
	4	4	4	4	4	4	4	4	4	4															
ANIMAL ID	0	0	0	0	0	0	0	0	0	0															
ANIMALID	0	0	0	0	0	0	0	0	0	0															
	3	3	3	3	3	3	3	3	3	4															
	1	2	3	4	5	6	7	8	9	Ö	*	-	TO	TOTA	TOTAL	TOTALS									

Spinal Cord

94 MG/KG

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

5

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY Route: GAVAGE

CAS Number: 67-47-0

*TOTALS

Species/Strain: Rat/F 344/N

Time Report Requested: 18:37:31

Date Report Requested: 10/18/2014

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male 188 MG/KG	DAY ON TEST	0 0 9 4									
ine, ite	ANIMAL ID	0 0 1 4 1	0 0 1 4 2	0 0 1 4 3	0 0 1 4 4	0 0 1 4 5	0 0 1 4 6	0 0 1 4 7	0 0 1 4 8	0 0 1 4 9	0 0 1 5 0

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

5 Brain

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY Route: GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

F 344/N Rat Male MG/KG

First Dose M/F: NA / NA Lab: BAT

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:31

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	9	0	0	0	0	0	$\begin{vmatrix} \theta \\ \mathbf{q} \end{vmatrix}$	$\begin{vmatrix} \theta \\ q \end{vmatrix}$	
	4	4	4	9	9	9	9	9	4	4	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
AMIMAL ID	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	4	4	4	4	4	4	4	4	4	5	
	1	2	3	4	5	6	7	8	9	0	*TOTAL

Spinal Cord **Respiratory System**

NONE

188

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

5 Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

5

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

Experiment Number: 95011-98 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Route: GAVAGE **CAS Number:** 67-47-0

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Time Report Requested: 18:37:31

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Lab: BAT

F 344/N Rat Male MG/KG

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
VVIIVAVI ID	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	5	5	5	5	5	5	5	5	5	6
	1	2	3	4	5	6	7	8	9	0

*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

5 Brain

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY **Route:** GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

F 344/N Rat Male 375 MG/KG

First Dose M/F: NA / NA Lab: BAT

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:31

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
AINIIVIAL ID	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	*TOTA

+ +

Spinal Cord
Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + 5

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

5

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY Route: GAVAGE

F 344/N Rat

CAS Number: 67-47-0

*TOTALS

Species/Strain: Rat/F 344/N

Time Report Requested: 18:37:31 First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Lab: BAT

/N Rat Male MG/KG	DAY ON TEST	0 0 9 4	0 0 9 4	0 0 9 4	0 0 9 4	0 0 9 4	0 0 9 4	0 0 9 4	0 0 9 4	0 0 9 4	0 0 9 4	
	ANIMAL ID	0 0 1 6	0 0 1 6 2	0 0 1 6 3	0 0 1 6	0 0 1 6 5	0 0 1 6 6	0 0 1 6 7	0 0 1 6 8	0 0 1 6	0 0 1 7 0	

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

5 Brain

- * ..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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Route: GAVAGE **CAS Number:** 67-47-0

Species/Strain: Rat/F 344/N

Time Report Requested: 18:37:31

Date Report Requested: 10/18/2014

First Dose M/F: NA / NA

Lab: BAT

F 344/	N	Rat	Male
750	N	IG/K	G

Test Type: 90-DAY

DAY ON TEST	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9
	4	4	4	4	4	4	4	4	4	4
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	7
	1	2	3	4	5	6	7	8	9	0

*TOTALS

Spinal Cord

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

5 Multiple Organ

X ..Lesion present

I ..Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY Route: GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

Time Report Requested: 18:37:31 First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Lab: BAT

F 344/N Rat Male MG/KG 1500

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	3	9	9	9	9
	4	4	4	4	4	0	4	4	4	4
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
AMIMAL ID	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	7	7	7	7	7	7	7	7	7	8
	1	2	3	4	5	6	7	8	9	0

*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

5 Brain

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

Experiment Number: 95011-98 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Route: GAVAGE CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

First Dose M/F: NA / NA Lab: BAT

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:31

F 344/N Rat Male 1500 MG/KG	DAY ON TEST	0 0 9 4	0 0 9 4	0 0 9 4	0 0 9 4	0 0 9 4	0 0 3 0	0 0 9 4	0 0 9 4	0 0 9 4	0 0 9 4	
	ANIMAL ID	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7 5	0 0 1 7	0 0 1 7	0 0 1 7 8	0 0 1 7 9	0 0 1 8 0	*TOTALS

Spinal Cord
Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + +

END OF MALE DATA

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..}Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY Route: GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

Time Report Requested: 18:37:31 First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Lab: BAT

F 344/N Rat Female 0 MG/KG

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
ANIIMAL ID	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	8	8	8	8	8	8	8	8	8	9
	1	2	3	4	5	6	7	8	9	0

*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

5 Brain

- * ..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: 95011-98 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Route: GAVAGE **CAS Number:** 67-47-0

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Lab: BAT

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:31

First Dose M/F: NA / NA

F 344/N Rat Female 0 MG/KG	DAY ON TEST	0 9 4 0 0 1 8 1	0 9 4 0 0 1 8 2	0 9 4 0 0 1 8 3	0 9 4 0 0 1 8 4	0 9 4 0 0 1 8 5	0 9 4 0 0 1 8 6	0 9 4 0 0 1 8 7	0 9 4 0 0 1 8 8	0 9 4 0 0 1 8 9	0 9 4 0 0 1 9 0	*TOTALS
Spinal Cord		+	+	+					+		+	

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

5 Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..}Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 90-DAY Route: GAVAGE

Species/Strain: Rat/F 344/N

Test Compound: 5-(Hydroxymethyl)-2-furfural **CAS Number:** 67-47-0

Time Report Requested: 18:37:31

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Lab: BAT

F 344/N Rat Female **94 MG/KG**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
V VIIIVAVI ID	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	2
	9	9	9	9	9	9	9	9	9	0
	1	2	3	4	5	6	7	8	9	0

*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

5 Brain

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY Route: GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

First Dose M/F: NA / NA Lab: BAT

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:31

	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
F 344/N Rat Female		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
94 MG/KG	_	4	4	4	4	4	4	4	4	4	4	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	2	
		9	9	9	9	9	9	9	9	9	ō	
		1	2	3	4	5	6	7	8	9	0	⊢ *TO

Respiratory System

NONE

Spinal Cord

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

5 Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

D

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY Route: GAVAGE

CAS Number: 67-47-0

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:31

Lab: BAT

Species/Strain: Rat/F 344/N

F 344/N Rat Female 188 MG/KG

OAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
ANIMAL ID	0 0 2 0 1	0 0 2 0 2	0 0 2 0 3	0 0 2 0 4	0 0 2 0 5	0 0 2 0 6	0 0 2 0 7	0 0 2 0 8	00209	0 0 2 1 0

*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

Brain + + + + 5

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY Route: GAVAGE

Species/Strain: Rat/F 344/N

CAS Number: 67-47-0

Lab: BAT

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:31

First Dose M/F: NA / NA

F 344/N Rat Female MG/KG 188

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	4	4	
	0	0	0	0	0	0	0	0	0	0	i
ANIMAL ID	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	
	2	2	2	2	2	2	2	2	2	2	
	0	0	0	0	0	0	0	0	0	1	
	1_	2	3	4	5	6	7	8	9	0	L

*TOTALS

Respiratory System

Spinal Cord

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

5 Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY **Route:** GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

Date Report Requested: 10/18/2014 Time Report Requested: 18:37:31

First Dose M/F: NA / NA

Lab: BAT

F 344	I/N Rat Female	DAT OF
375	MG/KG	
		ANI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9 4	4	4	9	9	9	9	9	4	9
ANUMALID	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0

*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

Brain + + + + 5

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY Route: GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:31

Lab: BAT

F 344/N Rat Female MG/KG

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0

*TOTALS

Spinal Cord

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

5 Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY Route: GAVAGE

Species/Strain: Rat/F 344/N

CAS Number: 67-47-0

Time Report Requested: 18:37:31

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Lab: BAT

F 344/N Rat Female MG/KG

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
AMINAL ID	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	7	8	9	0

*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

5 Brain

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY **Route:** GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

F 344/N Rat Female 750 MG/KG First Dose M/F: NA / NA Lab: BAT

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:32

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
V VIII VIVI IL	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
	2	2	2	2	2	2	2	2	2	3	****
	1	2	3	4	5	6	7	8	9	0	*TOTALS

Spinal Cord

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Test Type: 90-DAY Route: GAVAGE

CAS Number: 67-47-0

*TOTALS

Species/Strain: Rat/F 344/N

F 344/N Rat Female MG/KG

First Dose M/F: NA / NA Lab: BAT

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:32

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	U	0	U	0	0	0	0	0	U	0
ANIMAL ID	U	9	9	9	9	9	5	9	U	9
	4	4	4	4	4	4	9	4	3	4
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0

Alimentary System

NONE

1500

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

5 Brain

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

Experiment Number: 95011-98 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 5-(Hydroxymethyl)-2-furfural

Route: GAVAGE CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

F 344/N Rat Female 1500 MG/KG

_											
DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	9	9	9	9	9	5	9	0	9	
ANIMAL ID	4	4	4	4	4	4	9	4	3	4	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
	3	3	3	3	3	3	3	3	3	4	
	1	2	3	4	5	6	7	8	9	0	<u>*</u> T(

*TOTALS

Date Report Requested: 10/18/2014

Time Report Requested: 18:37:32

First Dose M/F: NA / NA

Lab: BAT

Respiratory System

Spinal Cord

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + +

** END OF REPORT **

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically