Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

CAS Number: 67-47-0

Date Report Requested: 10/16/2014 Time Report Requested: 17:16:14

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-DAY Route: GAVAGE

CAS Number: 67-47-0

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 17:16:14

Lab: BAT

Species/Strain: Rat/F 344/N

F 344/N Rat Male 0 MG/KG	DAY ON TEST	0 0 2 2	0 0 2 2 2	0 0 2 2	0 0 2 2	0 0 2 2	
0 MG/NG	ANIMAL ID	0 0 0 0 0	0 0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	*TOTALS
Alimentary System				•		•	
Intestine Large, Colon		+	+	+	+	+	5
Liver		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-DAY Route: GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 17:16:14

Lab: BAT

F 344/N Rat Male 0 MG/KG

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

*TOTALS

5

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-DAY **Route:** GAVAGE

94 MG/KG

CAS Number: 67-47-0

Date Report Requested: 10/16/2014 **Time Report Requested:** 17:16:14

First Dose M/F: NA / NA

Lab: BAT

Species/Strain: Rat/F 344/N

F 344/N Rat Male

						1
DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	2	2	2	2	2	
	2	2	2	2	2	
A NIIMAA IID	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	1	
	6	7	8	9	0	

*TOTALS

Alimentary System

Intestine Large, Colon	+	+	+	+	+	5
Liver	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-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: 10/16/2014

Time Report Requested: 17:16:14

0 0 0 0 0 2 2 2 2 2 0 0 0 0 0 0 0 7 Õ Ō 006 0 0 0 0 1 0

*TOTALS

5

NONE

Nervous System

NONE

Respiratory System

NONE

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

M ..Missing tissue

A .. Autolysis precludes evaluation

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

5

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

Route: GAVAGE CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Date Report Requested: 10/16/2014 Time Report Requested: 17:16:14

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male 188 MG/KG	DAY ON TEST	0 0 2 2	0 0 2 2	0 0 2 2	0 0 2 2 2	0 0 2 2	
	ANIMAL ID	0 0 0 1	0 0 0 1 2	0 0 0 1 3	0 0 0 1 4	0 0 0 1	*TOTALS
Alimentary System		<u> </u>		3	4	5	TOTALS
Intestine Large, Colon		+	+	+	+	+	5
Liver		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5

Stomach, Glandular Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-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: 10/16/2014

Time Report Requested: 17:16:14

F 344/N Rat Male 188 MG/KG

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

*TOTALS

NONE

Nervous System

NONE

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-DAY Route: GAVAGE

CAS Number: 67-47-0

First Dose M/F: NA / NA

Time Report Requested: 17:16:14

Date Report Requested: 10/16/2014

Lab: BAT

F 344/N Rat Male MG/KG

Species/Strain: Rat/F 344/N

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	2	2	2	2	2
	2	2	2	2	2
V VIII VIVI IL	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	2
	6	7	8	9	0

*TOTALS

Alimentary System

Intestine Large, Colon	+	+	+	+	+	
Liver	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	
Stomach, Glandular	+	+	+	+	+	

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-DAY **Route:** GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 17:16:15

Lab: BAT

F 344/N Rat Male 375 MG/KG

DAY ON TEST	0 0 2	0 0 2	0 0 2	0 0 2	0 0 2
	2	2	2	2	2
ANIMAL ID	0	0	0	0	0
AMINALID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	2
	6	7	8	9	0

*TOTALS

5

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + +

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-DAY **Route:** GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

Date Report Requested: 10/16/2014 **Time Report Requested:** 17:16:15

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male 750 MG/KG	DAY ON TEST	0 0 2 2	0 0 2 2	0 0 2 2	0 0 2 2	0 0 2 2	
	ANIMAL ID	0 0 0 2 1	0 0 0 2 2	0 0 0 2 3	0 0 0 2 4	0 0 0 2 5	*TOTALS_
Alimentary System							
Intestine Large, Colon		+	+	+	+	+	5
Liver		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5

NONE

Endocrine System

Cardiovascular System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-DAY Route: GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 17:16:15

Lab: BAT

F 344/N Rat Male MG/KG

DAY ON TEST	0	0	0	0	0
	2 2	2 2	$\begin{vmatrix} 2\\2 \end{vmatrix}$	2	2 2
ANIMAL ID	0	0	0	0	0
	Ö	"	0	0	0
	2	0 2 2	2	2	2 5
	1	2	3	4	5

*TOTALS

NONE

Nervous System

NONE

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-DAY **Route:** GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

Date Report Requested: 10/16/2014 Time Report Requested: 17:16:15

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male 1500 MG/KG	DAY ON TEST	0 0 2 2	0 0 2 2 2	0 0 2 2 2	0 0 2 2 2	0 0 0 6	
	ANIMAL ID	0 0 0 2 7	0 0 0 2 8	0 0 0 2 9	0 0 0 3 0	0 0 0 2 6	*TOTALS
Alimentary System							,
Intestine Large, Colon		+	+	+	+	+	5
Liver		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5
Cardiovascular System							

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

P17: 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: 14-DAY

Date Report Requested: 10/16/2014 **Time Report Requested:** 17:16:15

First Dose M/F: NA / NA

Lab: BAT

F 344/I	N Rat Male
1500	MG/KG

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

*TOTALS

NONE

Nervous System

NONE

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/16/2014 Time Report Requested: 17:16:15

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female 0 MG/KG	DAY ON TEST	0 0 2 2	0 0 2 2	0 0 2 2	0 0 2 2	0 0 2 2	
	ANIMAL ID	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 3 4	0 0 0 3 5	*TOTALS
Alimentary System		<u>'</u>			+		IOTALO

Alimentary System

Intestine Large, Colon	+	+	+	+	+	5
Liver	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

D

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-DAY **Route:** GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 17:16:15

Lab: BAT

F 344/N Rat Female 0 MG/KG

AY ON TEST	0	0	0	0	0
	0	0	0	0	0
	2	2	2	2	2
	2	2	2	2	2
ANIMAL ID	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	3 2	3	0	3
	1	2	3	4	5

*TOTALS

5

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Route: GAVAGE

Test Type: 14-DAY

CAS Number: 67-47-0

Date Report Requested: 10/16/2014 **Time Report Requested:** 17:16:15

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female 94 MG/KG

Species/Strain: Rat/F 344/N

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

*TOTALS

Alimentary System

Intestine Large, Colon	+	+	+	+	+	5
Liver	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-DAY **Route:** GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 17:16:15

Lab: BAT

F 344/N Rat Female 94 MG/KG

DAY ON TEST	0	0	0	0	0	1
DAT ON ILST	U	U	U	U	U	
	0	0	0	0	0	
	2	2	2	2	2	
	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	
AMIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0 3 6	3	3	3	4	
	6	7	8	9	0	L

*TOTALS

5

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + +

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/16/2014 Time Report Requested: 17:16:15

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female 188 MG/KG	DAY ON TEST	0 0 2 2	0 0 2 2	0 0 2 2	0 0 2 2	0 0 2 2	
ANIMAL		0 0 0 4 1	0 0 0 4 2	0 0 0 4 3	0 0 0 4 4	0 0 0 4 5	*TOTALS
Alimentary System							
Intestine Large, Colon		+	+	+	+	+	5
Liver		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

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

> 0 0

0 0

2 2 2 2

0

Species/Strain: Rat/F 344/N

Test Type: 14-DAY

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

Date Report Requested: 10/16/2014

Time Report Requested: 17:16:15

F 344/N Rat Female 188 MG/KG	DAY ON TEST	0 0 2 2	0 0 2 2	0 0 2 2 2
100 WG/RG	ANIMAL ID	0	0	0
		0	0	0
		4	4	4
		1	2	3

*TOTALS

5

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-DAY **Route:** GAVAGE

CAS Number: 67-47-0

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 17:16:15

Lab: BAT

Species/Strain: Rat/F 344/N

F 344/	N Rat Female
375	MG/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	2	2	2	2	2	
VVIIWVI ID	2	2	2	2	2	
	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	l
	0	0	0	0	0	
	4	4	4	4	5	
	6	7	8	9	0	

*TOTALS

Alimentary System

Intestine Large, Colon	+	+	+	+	+	5
Liver	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-DAY Route: GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

Time Report Requested: 17:16:15

Date Report Requested: 10/16/2014

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female MG/KG

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

*TOTALS

5

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-DAY **Route:** GAVAGE

CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

Date Report Requested: 10/16/2014 **Time Report Requested:** 17:16:15

First Dose M/F: NA / NA

Lab: BAT

	DAY ON TEST	0	0	
F 344/N Rat Female		0	0	
1 344/14 Ital I elliale		2	2	١.
750 MG/KG		2	2	
	ANIMAL ID	0	0	
	ANIMAL ID	Λ	l Λ	ı

*TOTALS

Alimentary System

Intestine Large, Colon	+	+	+	+	+	5
Liver	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Test Type: 14-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: 10/16/2014

Time Report Requested: 17:16:15

F 344/N Rat Female 750 MG/KG

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

*TOTALS

NONE

Nervous System

NONE

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Route: GAVAGE

Test Type: 14-DAY

CAS Number: 67-47-0

Date Report Requested: 10/16/2014 Time Report Requested: 17:16:15

First Dose M/F: NA / NA

Lab: BAT

F 344/	N Rat Female
1500	MG/KG

Species/Strain: Rat/F 344/N

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	2	2	2	2	2
	2	2	2	2	2
ANIIMAAL ID	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	5	5	5	5	6
	6	7	8	9	0

*TOTALS

Alimentary System

Intestine Large, Colon	+	+	+	+	+	5
Liver	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P17: 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: 14-DAY

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

Date Report Requested: 10/16/2014

Time Report Requested: 17:16:15

	DAY ON TEST	0	0	I
F 344/N Rat Female	DAY ON TEST	0	0	
r 344/N Kal Felliale		2	2	I
1500 MG/KG		2	2	I
	ANIMAL ID	0	0	I
	ANIMAL ID	0	0	I

*TOTALS

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

** 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