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

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

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

Date Report Requested: 10/18/2014 Time Report Requested: 18:38:49

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

\*TOTALS

Test Type: 90-DAY Route: GAVAGE

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

Species/Strain: Rat/F 344/N

First Dose M/F: NA / NA

Time Report Requested: 18:38:49

Date Report Requested: 10/18/2014

Lab: BAT

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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X .. Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as: 1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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: 18:38:49

F 344/N Rat Male 0 MG/KG	271. 311. 231	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 1 2 1	0	0 0 1 2 2	0 0 1 2 3	0 0 1 2 4	0 0 1 2 5	0 0 1 2 6	0 0 1 2 7	0 0 1 2 8	0 0 1 2 9	0 0 1 3 0	*TOTALS
Spinal Cord			+		+		+		+	+		5

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

M .. Missing tissue

X ..Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

A .. Autolysis precludes evaluation

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup>Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

Route: GAVAGE CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

umber: 67-47-0

Lab: BAT

Date Report Requested: 10/18/2014

Time Report Requested: 18:38:49

First Dose M/F: NA / NA

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
ANIIMAAL 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
	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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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: 18:38:49

First Dose M/F: NA / NA

F 344/N	Rat Male
94 MG/K	(G

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
ANIMAL ID	<b>4</b>	4								
	0	0	0	0	0	0	0	0	0	0
	3 1	3	3	3 4	3 5	3 6	3 7	3 8	3 9	4

\*TOTALS

Spinal Cord

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

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

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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 Male 188 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
	4	4	4	4	4	4	4	4	4	5
	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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/18/2014

Time Report Requested: 18:38:49

First Dose M/F: NA / NA

Lab: BAT

2) Mild 4) Marked

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

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

Species/Strain: Rat/F 344/N

Lab: BAT

Date Report Requested: 10/18/2014

Time Report Requested: 18:38:49

First Dose M/F: NA / NA

F 344/	N F	Rat	Male
188	M	G/K	G

Test Type: 90-DAY

Route: GAVAGE

DAY ON TEST	0 0 9 4										
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	*TOTALS
		-	-					-			F

Spinal Cord

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

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

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: GAVAGE

Date Report Requested: 10/18/2014 Time Report Requested: 18:38:49

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male 375 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
AMIMAL 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** 

Brain + + + + 5

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

Route: GAVAGE

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

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

5

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

Date Report Requested: 10/18/2014

Time Report Requested: 18:38:49

F 344/N Rat Male		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
375 MG/KG	ANIMAL ID	0 0 1									
		5	5	5	5 4	5 5	5	5 7	5 8	5	6

Spinal Cord

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

Route: GAVAGE

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Time Report Requested: 18:38:49

Lab: BAT

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

F 344/	N Rat Male
750	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
	6	6	6	6	6	6	6	6	6	7
	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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

4) Marked 2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

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: 18:38:49

F 344/	N Rat	Male
<b>750</b>	MG/K	G

Test Type: 90-DAY

1		ı —	ı —		ı —	ı —	ı —	ı —	ı —		1
DAY ON TEST	0	0	0	0	0	0	0	0	0	0	l
	0	0	0	0	0	0	0	0	0	0	
	ğ	q	q	ğ	g	g	g	g	ğ	g	
	1	1	1	1	1	1	1	1	1	1	
Į.	7	7	7	7	7	7	7	7	7	7	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	
	6	6	6	6	6	6	6	6	6	7	
	ĺ	2	3	4	5	6	7	8	9	0	

\*TOTALS

Spinal Cord

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

M .. Missing tissue

X ..Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

A .. Autolysis precludes evaluation

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

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

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: GAVAGE

Time Report Requested: 18:38:49

Date Report Requested: 10/18/2014

First Dose M/F: NA / NA

Lab: BAT

		DAY ON TEST	U
F 344/N Ra	+ Mala		0
F 344/IN K	it iviale		9
1500 MG	/KG		4
		ANIMAL ID	

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** 

Brain

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Experiment Number: 95011-98 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

Route: GAVAGE CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

MG/KG

F 344/N Rat Male

Test Type: 90-DAY

at/F 344/IN

DAY ON TEST 0 0 0 0 0 0 0 0 0 0 0 9 9 9 9 9 9 9 4 0 4 4 4 0 0 0 0 1 7 2 0 0 0 1 7 5 0 ANIMAL ID 0 0 1 7 8 1 1 1 7 1 7 3 7 6 . 7 7 7 8 9 \*TOTALS

**Respiratory System** 

Spinal Cord

NONE

1500

**Special Senses System** 

NONE

**Urinary System** 

NONE

\*\*\*END OF MALE DATA\*\*\*

M ..Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/18/2014

Time Report Requested: 18:38:49

First Dose M/F: NA / NA

Lab: BAT

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

Test Type: 90-DAY Route: GAVAGE

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

Species/Strain: Rat/F 344/N

Lab: BAT

Date Report Requested: 10/18/2014

Time Report Requested: 18:38:49

First Dose M/F: NA / NA

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
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
	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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X .. Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

4) Marked 2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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: 18:38:50

First Dose M/F: NA / NA

F	344/N	Rat	Female
0	MG/K	3	

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	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	
	8	8	8	8 4	8 5	8 6	8 7	8 8	8	9	

\*TOTALS

Spinal Cord

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

Route: GAVAGE

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

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

Date Report Requested: 10/18/2014

Time Report Requested: 18:38:50

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

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** 

Brain + + + + 5

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

**Experiment Number: 95011-98** P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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: 18:38:50 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 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 9	0 0 1 9 2	0 0 1 9 3	0 0 1 9 4	0 0 1 9 5	0 0 1 9 6	0 0 1 9 7	0 0 1 9 8	0 0 1 9	0 0 2 0 0	*TOTALS
Spinal Cord		+			+		+	+		+		5
Cyst Epithelial Inclusion					Χ							1

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup>Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

Route: GAVAGE

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

**CAS Number:** 67-47-0 First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Time Report Requested: 18:38:50

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
ANIIMAL ID	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
	0	0	0	0	0	0	0	0	0	1
	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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X .. Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

Route: GAVAGE

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

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

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Time Report Requested: 18:38:50

Lab: BAT

F 344/N Rat Female MG/KG

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

\*TOTALS

Spinal Cord

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

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

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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D

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Test Type: 90-DAY Route: GAVAGE

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

Species/Strain: Rat/F 344/N

First Dose M/F: NA / NA

Time Report Requested: 18:38:50

Date Report Requested: 10/18/2014

Lab: BAT

F 344/N Rat Female MG/KG

AY 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
	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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X .. Lesion present I .. Insufficient tissue

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1-4 ..Lesion qualified as:

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\*TOTALS

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

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: GAVAGE

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Time Report Requested: 18:38:50

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

Spinal Cord

**Respiratory System** 

NONE **Special Senses System** 

NONE

**Urinary System** 

NONE

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

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

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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

Test Type: 90-DAY Route: GAVAGE

Species/Strain: Rat/F 344/N

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

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Time Report Requested: 18:38:50

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
	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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X .. Lesion present I .. Insufficient tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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D

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Time Report Requested: 18:38:50

F 344/	N Rat Female
<b>750</b>	MG/KG

AV ON TEST		Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ	
DAY ON TEST	0	0	0	0	0	0	0	U	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 I I V V V V V V V V V V V V V V V V	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

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

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

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

Route: GAVAGE CAS Number: 67-47-0

Species/Strain: Rat/F 344/N

MG/KG

Test Type: 90-DAY

umber: 67-47-0

Lab: BAT

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014 Time Report Requested: 18:38:50

F 344/N Rat Female

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

\*TOTALS

**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** 

Brain + + + + 5

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion present

I ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

**Experiment Number: 95011-98** P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

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

Species/Strain: Rat/F 344/N

F 344/N Rat Female

MG/KG

Test Type: 90-DAY

DAY ON TEST 0 0 0 0 0 0 0 0 0 0 0 0 5 9 0 9 9 9 0 4 4 4 3 4 0 0 2 3 2 0 0 0 2 3 5 0 0 2 3 8 0 0 2 3 9 0 ANIMAL ID Ö 0 2 3 4 0 0 2 3 7 2 3 1 2 3 6 2 3 3 2 4 0 \*TOTALS

Spinal Cord

**Respiratory System** 

NONE

1500

**Special Senses System** 

NONE

**Urinary System** 

NONE

\*\* END OF REPORT \*\*

M .. Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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Date Report Requested: 10/18/2014

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First Dose M/F: NA / NA

Lab: BAT

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