

Experiment Number: 95011-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

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:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

First Dose M/F: NA / NA

Lab: BAT

SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF 5-(HYDROXYMETHYL)-2-FURFURAL

MALE RAT

Organ

Liver

Nose

FEMALE RAT

Organ

Brain

Liver

Lymph Node, Mesenteric

Spleen

Spleen: Lymph Follic

Morphology

Hepatodiaphragmatic Nodule

Inflammation

Morphology

Congestion

Inflammation Granulomatous

Hepatodiaphragmatic Nodule

Infiltration Cellular Histiocyte

Hyperplasia Lymphoid

Hyperplasia Stromal

Atrophy

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:19
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Brain						
Congestion						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	16
STATISTICAL TESTS						
POLY 3	P=0.107	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.107	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.107	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.075	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Esophagus: Muscularis Degeneration						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	---	16
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227
COCH-ARM / FISHERS	P=0.132	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.067
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:19
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Esophagus: Muscularis						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.1%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.479
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.480
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.479
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Heart: Myocardium						
Degeneration						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Heart: Myocardium						
Degeneration Focal						
LESION RATES						
OVERALL(a)	7/10 (70%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/10 (50%)
POLY-3 RATE (b)	7/10.00	0/0.00	0/0.00	0/0.00	0/0.00	5/9.00
POLY-3 PERCENT (g)	70%	0%	0%	0%	0%	55.6%
TERMINAL (d)	7/10 (70%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/9 (56%)
FIRST INCIDENCE	94(T)	---	---	---	---	94(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.433N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.425N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.433N
COCH-ARM / FISHERS	P=0.247N	(e)	(e)	(e)	(e)	P=0.325N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.276N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:19
 First Dose M/F: NA / NA
 Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Intestine Large, Colon						
Parasite Metazoan						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	94(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.521N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.519N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.521N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.185N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:19
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Intestine Large, Colon Ulcer						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:19
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Intestine Large, Rectum						
Parasite Metazoan						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	11.1%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	94(T)	---	---	---	---	94(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.737
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.739
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.737
COCH-ARM / FISHERS	P=0.645	(e)	(e)	(e)	(e)	P=0.763N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.472
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Kidney						
Congestion						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:19
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Kidney						
Hemorrhage Acute Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:19
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Kidney: Renal Tubule						
Necrosis Acute Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:19
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL(a)	0/10 (0%)	1/1 (100%)	2/2 (100%)	1/1 (100%)	2/2 (100%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/1.00	2/2.00	1/1.00	2/2.00	0/9.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%	0%
TERMINAL (d)	0/10 (0%)	1/1 (100%)	2/2 (100%)	1/1 (100%)	2/2 (100%)	0/9 (0%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	---
STATISTICAL TESTS						
POLY 3	P=0.000N**	P=0.091	P=NA	P=0.091	P=NA	(e)
POLY 1.5	P=0.000N**	P=0.091	P=NA	P=0.091	P=NA	(e)
POLY 6	P=0.000N**	P=0.091	P=NA	P=0.091	P=NA	(e)
COCH-ARM / FISHERS	P=0.192N	P=0.091	P=0.015*	P=0.091	P=0.015*	(e)
MAX-ISO-POLY-3	P=0.000**	P=0.000**	P=0.000**	P=0.000**	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:19
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Liver						
Inflammation Granulomatous						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/2.00	0/1.00	0/2.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Liver: Centrilobular						
Fatty Change						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/2.00	0/1.00	0/2.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	16
STATISTICAL TESTS						
POLY 3	P=0.269	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.269	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.269	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.248	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.267	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:19
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lung						
Congestion						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	16
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lung						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.1%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.479
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.480
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.479
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:19
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lung						
Hemorrhage						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	22.2%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/9 (22%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.202
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.203
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.202
COCH-ARM / FISHERS	P=0.132	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.065
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:19
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lung						
Hemorrhage Acute						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.1%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.479
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.480
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.479
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lung: Alveolus						
Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.1%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.479
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.480
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.479
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lung: Alveolus						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lymph Node, Mesenteric Atrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lymph Node, Mesenteric						
Hyperplasia Lymphoid						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lymph Node, Mesenteric						
Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:19
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Mesentery: Fat						
Necrosis						
LESION RATES						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Nose						
Congestion						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:19

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Nose						
Inflammation						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	3/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	33.3%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/9 (33%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.076
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.077
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.076
COCH-ARM / FISHERS	P=0.059	(e)	(e)	(e)	(e)	P=0.105
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.023*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Nose						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/18/2014
Time Report Requested: 18:36:20
First Dose M/F: NA / NA
Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Pancreas: Acinus						
Atrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.1%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.479
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.480
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.479
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Pituitary Gland						
Necrosis Acute						
LESION RATES						
OVERALL(a)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Pituitary Gland: Pars Distalis						
Hyperplasia Focal						
LESION RATES						
OVERALL(a)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/9.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.1%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.502
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.323	(e)	(e)	(e)	(e)	P=0.526
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.165
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Salivary Glands						
Necrosis						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Spleen						
Congestion						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Spleen						
Hyperplasia Stromal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Spleen: Lymph Follic Atrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 3 WEEKS

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Stomach, Glandular Ulcer						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Trachea						
Fibrosis						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	---	16
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227
COCH-ARM / FISHERS	P=0.132	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.067
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 3 WEEKS**

DOSE	MALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Trachea						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	---	16
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227
COCH-ARM / FISHERS	P=0.132	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.067
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Brain						
Congestion						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	2/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	22.2%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	29
STATISTICAL TESTS						
POLY 3	P=0.007**	(e)	(e)	(e)	(e)	P=0.202
POLY 1.5	P=0.007**	(e)	(e)	(e)	(e)	P=0.202
POLY 6	P=0.007**	(e)	(e)	(e)	(e)	P=0.202
COCH-ARM / FISHERS	P=0.010**	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.008**	(e)	(e)	(e)	(e)	P=0.065
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 14 WEEKS

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Esophagus: Muscularis Degeneration						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/7.97
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 14 WEEKS

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Esophagus: Muscularis						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/7.97
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	94(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.283N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.277N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.286N
COCH-ARM / FISHERS	P=0.132N	(e)	(e)	(e)	(e)	P=0.237N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.118N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Heart: Myocardium						
Degeneration						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/7.97
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	94(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.545N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.540N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.547N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.214N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 14 WEEKS

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Heart: Myocardium						
Degeneration Focal						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.03
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	12.5%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	94(T)	---	---	---	---	92
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.710
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.714
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.709
COCH-ARM / FISHERS	P=0.645	(e)	(e)	(e)	(e)	P=0.763N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.444
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Intestine Large, Colon						
Parasite Metazoan						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/7.97
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	94(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.545N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.540N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.547N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.214N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Intestine Large, Colon Ulcer						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.03
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	92
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.456
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.460
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.456
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.157
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Intestine Large, Rectum						
Parasite Metazoan						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/7.97
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Kidney						
Congestion						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.97
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.1%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	4
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.482
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.476
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Kidney						
Hemorrhage Acute Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.94
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.2%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	29
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.476
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Kidney: Renal Tubule						
Necrosis Acute Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.97
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.1%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	4
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.482
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.476
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL(a)	2/10 (20%)	5/5 (100%)	2/2 (100%)	2/2 (100%)	1/1 (100%)	2/10 (20%)
POLY-3 RATE (b)	2/10.00	5/5.00	2/2.00	2/2.00	1/1.00	2/7.97
POLY-3 PERCENT (g)	20%	100%	100%	100%	100%	25.1%
TERMINAL (d)	2/10 (20%)	5/5 (100%)	2/2 (100%)	2/2 (100%)	1/1 (100%)	2/7 (29%)
FIRST INCIDENCE	94(T)	94(T)	94(T)	94(T)	94(T)	94(T)
STATISTICAL TESTS						
POLY 3	P=0.164N	P=0.000**	P=0.053	P=0.053	P=0.286	P=0.615
POLY 1.5	P=0.145N	P=0.000**	P=0.053	P=0.053	P=0.286	P=0.624
POLY 6	P=0.174N	P=0.000**	P=0.053	P=0.053	P=0.286	P=0.611
COCH-ARM / FISHERS	P=0.097N	P=0.007**	P=0.091	P=0.091	P=0.273	P=0.709N
MAX-ISO-POLY-3	P=0.019*	P=0.000**	P=0.023*	P=0.023*	P=0.090	P=0.413
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Liver						
Inflammation Granulomatous						
LESION RATES						
OVERALL(a)	4/10 (40%)	0/5 (0%)	0/2 (0%)	0/2 (0%)	0/1 (0%)	0/10 (0%)
POLY-3 RATE (b)	4/10.00	0/5.00	0/2.00	0/2.00	0/1.00	0/7.97
POLY-3 PERCENT (g)	40%	0%	0%	0%	0%	0%
TERMINAL (d)	4/10 (40%)	0/5 (0%)	0/2 (0%)	0/2 (0%)	0/1 (0%)	0/7 (0%)
FIRST INCIDENCE	94(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.063N	P=0.144N	P=0.396N	P=0.396N	P=0.609N	P=0.063N
POLY 1.5	P=0.061N	P=0.144N	P=0.396N	P=0.396N	P=0.609N	P=0.060N
POLY 6	P=0.063N	P=0.144N	P=0.396N	P=0.396N	P=0.609N	P=0.065N
COCH-ARM / FISHERS	P=0.060N	P=0.154N	P=0.424N	P=0.424N	P=0.636N	P=0.043N*
MAX-ISO-POLY-3	P=0.022N*	P=0.071N	P=0.207N	P=0.207N	P=0.292N	P=0.028N*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 14 WEEKS

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Liver: Centrilobular						
Fatty Change						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/5 (0%)	0/2 (0%)	0/2 (0%)	0/1 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/5.00	0/2.00	0/2.00	0/1.00	0/7.97
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/5 (0%)	0/2 (0%)	0/2 (0%)	0/1 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 14 WEEKS

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lung						
Congestion						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/9.94
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20.1%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	4
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.225
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.226
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.224
COCH-ARM / FISHERS	P=0.132	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.067
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lung						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/7.97
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lung						
Hemorrhage						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.94
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.2%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	29
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.476
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lung						
Hemorrhage Acute						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/7.97
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 14 WEEKS

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lung: Alveolus						
Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/7.97
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 14 WEEKS

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lung: Alveolus						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/7.97
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/7 (14%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.455
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.459
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.453
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.157
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lymph Node, Mesenteric Atrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/1.00	0/0.00	0/0.00	1/8.97
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.1%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	4
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.482
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.476
COCH-ARM / FISHERS	P=0.275	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lymph Node, Mesenteric Hyperplasia Lymphoid						
LESION RATES						
OVERALL(a)	0/10 (0%)	1/1 (100%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/1.00	1/1.00	0/0.00	0/0.00	0/7.97
POLY-3 PERCENT (g)	0%	100%	100%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	1/1 (100%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	94(T)	94(T)	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.091	P=0.091	(e)	(e)	(e)
POLY 1.5	(e)	P=0.091	P=0.091	(e)	(e)	(e)
POLY 6	(e)	P=0.091	P=0.091	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.230N	P=0.091	P=0.091	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	P=0.000**	P=0.000**	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Lymph Node, Mesenteric						
Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL(a)	0/10 (0%)	1/1 (100%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/1.00	0/1.00	0/0.00	0/0.00	0/7.97
POLY-3 PERCENT (g)	0%	100%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	1/1 (100%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	94(T)	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.091	(e)	(e)	(e)	(e)
POLY 1.5	(e)	P=0.091	(e)	(e)	(e)	(e)
POLY 6	(e)	P=0.091	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.377N	P=0.091	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	P=0.000**	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Mesentery: Fat						
Necrosis						
LESION RATES						
OVERALL(a)	1/1 (100%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
POLY-3 RATE (b)	1/1.00	0/0.00	1/1.00	0/0.00	1/1.00	0/0.00
POLY-3 PERCENT (g)	100%	0%	100%	0%	100%	0%
TERMINAL (d)	1/1 (100%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
FIRST INCIDENCE	94(T)	---	94(T)	---	94(T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 14 WEEKS

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Nose						
Congestion						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.94
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.2%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	29
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.476
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Nose						
Inflammation						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.94
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.2%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	29
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.476
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 14 WEEKS

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Nose						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/7.97
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	25.1%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/7 (29%)
FIRST INCIDENCE	94(T)	---	---	---	---	94(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.418
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.426
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.414
COCH-ARM / FISHERS	P=0.377	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.231
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Pancreas: Acinus						
Atrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/7.97
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Pituitary Gland						
Necrosis Acute						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.03
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	92
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.456
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.460
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.456
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.157
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Pituitary Gland: Pars Distalis						
Hyperplasia Focal						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/7.97
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Salivary Glands						
Necrosis						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.03
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	92
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.456
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.460
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.456
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.157
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Spleen						
Congestion						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/0.00	0/0.00	0/0.00	1/8.94
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.2%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	29
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.476
COCH-ARM / FISHERS	P=0.288	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 14 WEEKS

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Spleen						
Hyperplasia Stromal						
LESION RATES						
OVERALL(a)	0/10 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/1.00	0/0.00	0/0.00	0/0.00	0/7.97
POLY-3 PERCENT (g)	0%	100%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	94(T)	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	P=0.091	(e)	(e)	(e)	(e)
POLY 1.5	(e)	P=0.091	(e)	(e)	(e)	(e)
POLY 6	(e)	P=0.091	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.366N	P=0.091	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	P=0.000**	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 14 WEEKS

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Spleen: Lymph Follic Atrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	30%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	4
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.095
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.095
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.095
COCH-ARM / FISHERS	P=0.050*	(e)	(e)	(e)	(e)	P=0.105
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.025*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Stomach, Glandular Ulcer						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.03
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	92
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.456
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.460
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.456
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.157
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Trachea						
Fibrosis						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.94
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.2%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	29
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.476
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: 5-(Hydroxymethyl)-2-furfural
 CAS Number: 67-47-0

Date Report Requested: 10/18/2014
 Time Report Requested: 18:36:20
 First Dose M/F: NA / NA
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 14 WEEKS**

DOSE	FEMALE					
	0 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG	1500 MG/KG
Trachea						
Inflammation Chronic						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/8.94
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	11.2%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/7 (0%)
FIRST INCIDENCE	---	---	---	---	---	29
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.478
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.476
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.158
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 95011-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

CAS Number: 67-47-0

Date Report Requested: 10/18/2014

Time Report Requested: 18:36:20

First Dose M/F: NA / NA

Lab: BAT

LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
 - (b) Number of tumor-bearing animals/Poly-3 number
 - (d) Observed incidence at terminal kill.
 - (e) Value of statistic cannot be computed.
 - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (n) No statistics are calculated if all dose groups have fewer than two tumors.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

**** END OF REPORT ****