

TDMS No. 95011-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
5-(HYDROXYMETHYL)-2-FURFURAL
CAS Number: 67-47-0
Pathologist: TOFT, J. - Blackshear, P.
F1_M3

Date Report Reqsted: 11/10/2006
Time Report Reqsted: 9:14:01
First Dose M/F: 08/09/01 / 08/08/01
Lab: BAT

C Number:	C95011B		
Lock Date:	03/11/2004		
Cage Range:	1 - 9999		
Date Range:	1-JAN-1940 to 17-SEP-2040		
Reasons For Removal:	25021 Terminal Sacrifice 25018 Dosing Accident	25020 Natural Death	25019 Moribund Sacrifice
Removal Date Range:	JAN /1 /1940 - SEP /17 /2040		
Treatment Groups:	Include 1 0 MG/KG Include 4 188 MG/KG Include 7 750 MG/KG	Include 2 0 MG/KG Include 5 375 MG/KG Include 8 750 MG/KG	Include 3 188 MG/KG Include 6 375 MG/KG

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

MALE MICE

Organ

Adrenal Cortex
Adrenal Cortex: Subcapsular
Brain
Eye: Cornea
Heart

Kidney

Kidney: Renal Tubule
Liver

Liver: Hepatocyte
Lung
Lung: Alveolar Epithelium
Lymph Node, Mandibular
Nose
Nose: Glands

Nose: Olfactory Epithelium

Nose: Respiratory Epithelium
Preputial Gland
Spleen
Stomach, Forestomach: Epithelium

Morphology

Hypertrophy
Hyperplasia
Degeneration
Inflammation Chronic
Cardiomyopathy
Mineralization
Mineralization
Nephropathy
Cyst
Basophilic Focus
Clear Cell Focus
Eosinophilic Focus
Infiltration Cellular Mononuclear Cell
Inflammation Chronic
Mixed Cell Focus
Vacuolization Cytoplasmic
Inflammation Chronic
Hyperplasia
Hyperplasia Lymphoid
Inflammation Chronic
Dilatation
Hyperplasia
Inflammation Chronic
Accumulation, Hyaline Droplet
Degeneration
Hyperplasia
Metaplasia
Accumulation, Hyaline Droplet
Inflammation Chronic
Hematopoietic Cell Proliferation
Hyperkeratosis

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

Testes: Germinal Epithelium
Thymus

Thyroid Gland: Follicular Cell
Tooth

Hyperplasia
Degeneration
Atrophy
Cyst
Hyperplasia
Malformation

FEMALE MICE

Organ

Adrenal Cortex: Subcapsular
Gallbladder
Harderian Gland
Kidney

Liver

Liver: Hepatocyte

Lung
Lung: Alveolar Epithelium
Lymph Node, Mesenteric
Nose
Nose: Glands

Nose: Nasolacrimal Duct
Nose: Olfactory Epithelium

Nose: Respiratory Epithelium
Ovary

Morphology

Hyperplasia
Infiltration Cellular Mononuclear Cell
Hyperplasia
Mineralization
Nephropathy
Basophilic Focus
Eosinophilic Focus
Infiltration Cellular Mononuclear Cell
Inflammation Chronic
Tension Lipidosis
Vacuolization Cytoplasmic
Inflammation Chronic
Hyperplasia
Hyperplasia Lymphoid
Inflammation Chronic
Dilatation
Hyperplasia
Inflammation Chronic
Inflammation
Accumulation, Hyaline Droplet
Degeneration
Hyperplasia
Metaplasia
Accumulation, Hyaline Droplet
Atrophy

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Pituitary Gland: Pars Distalis	Cyst
Spleen	Pigmentation
Spleen: Lymphoid Follicle	Hyperplasia
Thymus	Hematopoietic Cell Proliferation
	Hyperplasia
	Atrophy
	Cyst
Thyroid Gland: Follicular Cell	Ectopic Parathyroid Gland
Uterus: Endometrium	Hyperplasia
	Hyperplasia Cystic

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Adrenal Cortex
 Accessory Adrenal Cortical Nodule**

LESION RATES

OVERALL (a)	0/49 (0%)	2/50 (4%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/45.09	2/43.70	1/46.62	0/27.08
POLY-3 PERCENT (g)	0%	4.6%	2.2%	0%
TERMINAL (d)	0/39 (0%)	2/35 (6%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	---	728 (T)	725	---

STATISTICAL TESTS

LIFE TABLE	P=0.672N	P=0.215	P=0.519	(e)
POLY 3	P=0.600	P=0.230	P=0.507	(e)
POLY 1.5	P=0.562N	P=0.235	P=0.505	(e)
POLY 6	P=0.554	P=0.224	P=0.510	(e)
LOGISTIC REGRESSION	P=0.655N	P=0.215	P=0.513	(e)
COCH-ARM / FISHERS	P=0.462N	P=0.253	P=0.505	(e)
ORDER RESTRICTED	P=0.389	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.454	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Adrenal Cortex
 Hypertrophy**

LESION RATES

OVERALL (a)	13/49 (27%)	20/50 (40%)	13/50 (26%)	6/49 (12%)
POLY-3 RATE (b)	13/45.21	20/43.70	13/46.61	6/28.49
POLY-3 PERCENT (g)	28.8%	45.8%	27.9%	21.1%
TERMINAL (d)	12/39 (31%)	20/35 (57%)	13/43 (30%)	2/14 (14%)
FIRST INCIDENCE	699	728 (T)	728 (T)	568

STATISTICAL TESTS

LIFE TABLE	P=0.524N	P=0.038*	P=0.476N	P=0.448
POLY 3	P=0.184N	P=0.071	P=0.555N	P=0.329N
POLY 1.5	P=0.102N	P=0.087	P=0.563N	P=0.211N
POLY 6	P=0.264N	P=0.053	P=0.537N	P=0.447N
LOGISTIC REGRESSION	P=0.315N	P=0.035*	P=0.487N	P=0.447N
COCH-ARM / FISHERS	P=0.015N*	P=0.113	P=0.567N	P=0.062N
ORDER RESTRICTED	P=0.144N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.214N	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Adrenal Cortex: Subcapsular
 Hyperplasia**

LESION RATES

OVERALL (a)	45/49 (92%)	41/50 (82%)	46/50 (92%)	41/49 (84%)
POLY-3 RATE (b)	45/48.63	41/48.08	46/49.90	41/42.65
POLY-3 PERCENT (g)	92.5%	85.3%	92.2%	96.1%
TERMINAL (d)	36/39 (92%)	30/35 (86%)	40/43 (93%)	14/14 (100%)
FIRST INCIDENCE	327	518	394	217

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.552	P=0.343N	P<0.001**
POLY 3	P=0.191	P=0.201N	P=0.625N	P=0.377
POLY 1.5	P=0.319	P=0.173N	P=0.637N	P=0.591
POLY 6	P=0.131	P=0.222N	P=0.607N	P=0.244
LOGISTIC REGRESSION	P=0.238	P=0.146N	P=0.630	P=0.455
COCH-ARM / FISHERS	P=0.265N	P=0.125N	P=0.631	P=0.178N
ORDER RESTRICTED	P=0.160	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.188	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Adrenal Cortex: Zona Fasciculata
 Hyperplasia**

LESION RATES

OVERALL (a)	0/49 (0%)	4/50 (8%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/45.09	4/43.70	1/46.61	0/27.08
POLY-3 PERCENT (g)	0%	9.2%	2.2%	0%
TERMINAL (d)	0/39 (0%)	4/35 (11%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	---	728 (T)	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.538N	P=0.050*	P=0.519	(e)
POLY 3	P=0.483N	P=0.056	P=0.507	(e)
POLY 1.5	P=0.419N	P=0.059	P=0.505	(e)
POLY 6	P=0.555N	P=0.053	P=0.510	(e)
LOGISTIC REGRESSION	(e)	P=0.050*	P=0.519	(e)
COCH-ARM / FISHERS	P=0.297N	P=0.061	P=0.505	(e)
ORDER RESTRICTED	P=0.267N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.344N	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Bone
 Fibrous Osteodystrophy**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	0/43.70	0/46.61	0/27.08
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Brain
 Compression**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	0/43.70	0/46.61	0/27.08
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Brain
 Degeneration**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	3/49 (6%)
POLY-3 RATE (b)	0/46.09	0/43.70	0/46.61	3/27.37
POLY-3 PERCENT (g)	0%	0%	0%	11%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	0/43 (0%)	1/14 (7%)
FIRST INCIDENCE	---	---	---	652

STATISTICAL TESTS

LIFE TABLE	P<0.001**	(e)	(e)	P=0.019*
POLY 3	P=0.010**	(e)	(e)	P=0.054
POLY 1.5	P=0.009**	(e)	(e)	P=0.069
POLY 6	P=0.016*	(e)	(e)	P=0.043*
LOGISTIC REGRESSION	P=0.002**	(e)	(e)	P=0.031*
COCH-ARM / FISHERS	P=0.011*	(e)	(e)	P=0.117
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.008**	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Epididymis
 Mineralization**

LESION RATES

OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/46.09	0/43.70	0/46.61	0/27.08
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	2/40 (5%)	0/35 (0%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.162N	P=0.268N	P=0.223N	P=0.488N
POLY 3	P=0.082N	P=0.249N	P=0.235N	P=0.369N
POLY 1.5	P=0.093N	P=0.244N	P=0.236N	P=0.324N
POLY 6	P=0.079N	P=0.256N	P=0.231N	P=0.414N
LOGISTIC REGRESSION	P=0.162N	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.116N	P=0.247N	P=0.247N	P=0.253N
ORDER RESTRICTED	P=0.112N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.129N	(e)	(e)	(e)

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Eye
Atrophy

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	0/43.70	0/46.61	0/27.08
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Eye: Cornea
 Inflammation Chronic

LESION RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/46.64	1/44.26	0/46.61	0/27.08
POLY-3 PERCENT (g)	4.3%	2.3%	0%	0%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	602	551	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.156N	P=0.525N	P=0.232N	P=0.433N
POLY 3	P=0.098N	P=0.518N	P=0.237N	P=0.373N
POLY 1.5	P=0.101N	P=0.510N	P=0.238N	P=0.325N
POLY 6	P=0.103N	P=0.529N	P=0.235N	P=0.419N
LOGISTIC REGRESSION	P=0.045N*	P=0.461N	P=0.234N	P=0.254N
COCH-ARM / FISHERS	P=0.102N	P=0.500N	P=0.247N	P=0.253N
ORDER RESTRICTED	P=0.189N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.157N	(e)	(e)	(e)

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 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Gallbladder
 Infiltration Cellular Mononuclear Cell**

LESION RATES

OVERALL (a)	1/49 (2%)	1/50 (2%)	1/49 (2%)	1/49 (2%)
POLY-3 RATE (b)	1/45.46	1/44.06	1/45.62	1/27.84
POLY-3 PERCENT (g)	2.2%	2.3%	2.2%	3.6%
TERMINAL (d)	1/40 (3%)	0/35 (0%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	625	728 (T)	455

STATISTICAL TESTS

LIFE TABLE	P=0.456	P=0.743	P=0.746N	P=0.605
POLY 3	P=0.481	P=0.754	P=0.760N	P=0.640
POLY 1.5	P=0.523	P=0.759	P=0.760	P=0.683
POLY 6	P=0.472	P=0.747	P=0.757N	P=0.598
LOGISTIC REGRESSION	P=0.574N	P=0.749N	P=0.746N	P=0.749N
COCH-ARM / FISHERS	P=0.632	P=0.747N	P=0.753N	P=0.753N
ORDER RESTRICTED	P=0.579	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.611	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Harderian Gland
 Hyperplasia**

LESION RATES

OVERALL (a)	4/50 (8%)	5/50 (10%)	1/50 (2%)	1/48 (2%)
POLY-3 RATE (b)	4/46.09	5/43.70	1/46.61	1/26.85
POLY-3 PERCENT (g)	8.7%	11.4%	2.2%	3.7%
TERMINAL (d)	4/40 (10%)	5/35 (14%)	1/43 (2%)	1/14 (7%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.239N	P=0.416	P=0.159N	P=0.586N
POLY 3	P=0.124N	P=0.467	P=0.175N	P=0.380N
POLY 1.5	P=0.109N	P=0.481	P=0.178N	P=0.310N
POLY 6	P=0.139N	P=0.448	P=0.170N	P=0.449N
LOGISTIC REGRESSION	P=0.239N	P=0.416	P=0.159N	P=0.586N
COCH-ARM / FISHERS	P=0.070N	P=0.500	P=0.181N	P=0.194N
ORDER RESTRICTED	P=0.228N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.199N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Heart
 Cardiomyopathy**

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	2/50 (4%)	2/49 (4%)
POLY-3 RATE (b)	0/46.09	0/42.70	2/47.45	2/27.30
POLY-3 PERCENT (g)	0%	0%	4.2%	7.3%
TERMINAL (d)	0/40 (0%)	0/34 (0%)	1/43 (2%)	1/14 (7%)
FIRST INCIDENCE	---	---	394	672

STATISTICAL TESTS

LIFE TABLE	P=0.020*	(e)	P=0.250	P=0.071
POLY 3	P=0.032*	(e)	P=0.244	P=0.144
POLY 1.5	P=0.042*	(e)	P=0.241	P=0.169
POLY 6	P=0.030*	(e)	P=0.248	P=0.125
LOGISTIC REGRESSION	P=0.095	(e)	P=0.236	P=0.109
COCH-ARM / FISHERS	P=0.084	(e)	P=0.247	P=0.242
ORDER RESTRICTED	P=0.058	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.050*	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Heart
 Mineralization**

LESION RATES

OVERALL (a)	1/50 (2%)	1/49 (2%)	1/50 (2%)	4/49 (8%)
POLY-3 RATE (b)	1/46.09	1/43.05	1/46.61	4/28.18
POLY-3 PERCENT (g)	2.2%	2.3%	2.2%	14.2%
TERMINAL (d)	1/40 (3%)	0/34 (0%)	1/43 (2%)	1/14 (7%)
FIRST INCIDENCE	728 (T)	629	728 (T)	509

STATISTICAL TESTS

LIFE TABLE	P=0.007**	P=0.737	P=0.746N	P=0.024*
POLY 3	P=0.041*	P=0.745	P=0.758N	P=0.071
POLY 1.5	P=0.044*	P=0.750	P=0.760N	P=0.096
POLY 6	P=0.046*	P=0.740	P=0.754N	P=0.055
LOGISTIC REGRESSION	P=0.041*	P=0.760N	P=0.746N	P=0.087
COCH-ARM / FISHERS	P=0.065	P=0.747	P=0.753N	P=0.175
ORDER RESTRICTED	P=0.016*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.047*	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Heart: Artery
 Inflammation Chronic

LESION RATES

OVERALL (a)	1/50 (2%)	1/49 (2%)	3/50 (6%)	0/49 (0%)
POLY-3 RATE (b)	1/46.09	1/42.70	3/46.61	0/27.08
POLY-3 PERCENT (g)	2.2%	2.3%	6.4%	0%
TERMINAL (d)	1/40 (3%)	1/34 (3%)	3/43 (7%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.606	P=0.725	P=0.331	P=0.709N
POLY 3	P=0.521	P=0.743	P=0.309	P=0.600N
POLY 1.5	P=0.566N	P=0.749	P=0.307	P=0.569N
POLY 6	P=0.448	P=0.736	P=0.315	P=0.627N
LOGISTIC REGRESSION	P=0.606	P=0.725	P=0.331	(e)
COCH-ARM / FISHERS	P=0.413N	P=0.747	P=0.309	P=0.505N
ORDER RESTRICTED	P=0.345N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.416N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Intestine Small, Jejunum
 Inflammation Chronic**

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	2/44.63	1/46.61	0/27.08
POLY-3 PERCENT (g)	0%	4.5%	2.2%	0%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	---	551	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.634N	P=0.232	P=0.514	(e)
POLY 3	P=0.594	P=0.230	P=0.502	(e)
POLY 1.5	P=0.566N	P=0.233	P=0.501	(e)
POLY 6	P=0.547	P=0.226	P=0.506	(e)
LOGISTIC REGRESSION	P=0.396N	P=0.257	P=0.514	(e)
COCH-ARM / FISHERS	P=0.467N	P=0.247	P=0.500	(e)
ORDER RESTRICTED	P=0.390	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.455	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Intestine Small, Jejunum: Peyer's Patch
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	2/43.70	0/46.61	0/27.08
POLY-3 PERCENT (g)	0%	4.6%	0%	0%
TERMINAL (d)	0/40 (0%)	2/35 (6%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	---	728 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.575N	P=0.209	(e)	(e)
POLY 3	P=0.471N	P=0.225	(e)	(e)
POLY 1.5	P=0.450N	P=0.231	(e)	(e)
POLY 6	P=0.514N	P=0.219	(e)	(e)
LOGISTIC REGRESSION	(e)	P=0.209	(e)	(e)
COCH-ARM / FISHERS	P=0.410N	P=0.247	(e)	(e)
ORDER RESTRICTED	P=0.363N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.431N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Islets, Pancreatic
 Hyperplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/46.09	0/43.70	0/46.61	0/27.08
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	1/40 (3%)	0/35 (0%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.389N	P=0.527N	P=0.486N	P=0.709N
POLY 3	P=0.228N	P=0.511N	P=0.498N	P=0.600N
POLY 1.5	P=0.254N	P=0.506N	P=0.499N	P=0.569N
POLY 6	P=0.231N	P=0.517N	P=0.494N	P=0.627N
LOGISTIC REGRESSION	P=0.389N	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.307N	P=0.500N	P=0.500N	P=0.505N
ORDER RESTRICTED	P=0.246N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.325N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Kidney
 Infarct**

LESION RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)	0/49 (0%)
POLY-3 RATE (b)	1/46.09	1/43.70	3/46.61	0/27.08
POLY-3 PERCENT (g)	2.2%	2.3%	6.4%	0%
TERMINAL (d)	1/40 (3%)	1/35 (3%)	3/43 (7%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.604	P=0.732	P=0.331	P=0.709N
POLY 3	P=0.520	P=0.749	P=0.309	P=0.600N
POLY 1.5	P=0.568N	P=0.754	P=0.307	P=0.569N
POLY 6	P=0.446	P=0.742	P=0.315	P=0.627N
LOGISTIC REGRESSION	P=0.604	P=0.732	P=0.331	(e)
COCH-ARM / FISHERS	P=0.416N	P=0.753N	P=0.309	P=0.505N
ORDER RESTRICTED	P=0.348N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.417N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
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 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Kidney
 Metaplasia Osseous**

LESION RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	1/43.70	3/46.61	0/27.08
POLY-3 PERCENT (g)	0%	2.3%	6.4%	0%
TERMINAL (d)	0/40 (0%)	1/35 (3%)	3/43 (7%)	0/14 (0%)
FIRST INCIDENCE	---	728 (T)	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.395	P=0.473	P=0.134	(e)
POLY 3	P=0.288	P=0.489	P=0.121	(e)
POLY 1.5	P=0.396	P=0.494	P=0.120	(e)
POLY 6	P=0.217	P=0.483	P=0.124	(e)
LOGISTIC REGRESSION	(e)	P=0.473	P=0.134	(e)
COCH-ARM / FISHERS	P=0.628	P=0.500	P=0.121	(e)
ORDER RESTRICTED	P=0.265	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.343	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Kidney
 Mineralization**

LESION RATES

OVERALL (a)	43/50 (86%)	43/50 (86%)	44/50 (88%)	29/49 (59%)
POLY-3 RATE (b)	43/47.46	43/46.61	44/48.78	29/32.58
POLY-3 PERCENT (g)	90.6%	92.3%	90.2%	89%
TERMINAL (d)	38/40 (95%)	34/35 (97%)	40/43 (93%)	14/14 (100%)
FIRST INCIDENCE	588	551	394	476

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.141	P=0.400N	P<0.001**
POLY 3	P=0.424N	P=0.537	P=0.616N	P=0.572N
POLY 1.5	P=0.099N	P=0.577	P=0.603	P=0.131N
POLY 6	P=0.400	P=0.489	P=0.553N	P=0.373
LOGISTIC REGRESSION	P=0.157	P=0.317	P=0.472	P=0.053
COCH-ARM / FISHERS	P<0.001N**	P=0.613N	P=0.500	P=0.003N**
ORDER RESTRICTED	P=0.546N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.579N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Kidney
 Nephropathy**

LESION RATES

OVERALL (a)	49/50 (98%)	48/50 (96%)	46/50 (92%)	30/49 (61%)
POLY-3 RATE (b)	49/49.37	48/49.11	46/49.05	30/33.49
POLY-3 PERCENT (g)	99.2%	97.7%	93.8%	89.6%
TERMINAL (d)	40/40 (100%)	35/35 (100%)	42/43 (98%)	14/14 (100%)
FIRST INCIDENCE	327	380	394	217

STATISTICAL TESTS

LIFE TABLE	P=0.005**	P=0.208	P=0.087N	P<0.001**
POLY 3	P=0.005N**	P=0.605N	P=0.158N	P=0.003N**
POLY 1.5	P<0.001N**	P=0.562N	P=0.168N	P<0.001N**
POLY 6	P=0.123N	P=0.654N	P=0.145N	P=0.446N
LOGISTIC REGRESSION	P=0.014N*	P=0.556N	P=0.179N	P=0.130N
COCH-ARM / FISHERS	P<0.001N**	P=0.500N	P=0.181N	P<0.001N**
ORDER RESTRICTED	P=0.008N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.008N**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Kidney: Artery
 Inflammation Chronic**

LESION RATES

OVERALL (a)	3/50 (6%)	1/50 (2%)	3/50 (6%)	0/49 (0%)
POLY-3 RATE (b)	3/46.23	1/43.70	3/46.61	0/27.08
POLY-3 PERCENT (g)	6.5%	2.3%	6.4%	0%
TERMINAL (d)	2/40 (5%)	1/35 (3%)	3/43 (7%)	0/14 (0%)
FIRST INCIDENCE	692	728 (T)	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.329N	P=0.357N	P=0.630N	P=0.351N
POLY 3	P=0.270N	P=0.326N	P=0.658N	P=0.243N
POLY 1.5	P=0.222N	P=0.317N	P=0.661N	P=0.196N
POLY 6	P=0.329N	P=0.338N	P=0.652N	P=0.293N
LOGISTIC REGRESSION	P=0.286N	P=0.335N	P=0.652N	P=0.273N
COCH-ARM / FISHERS	P=0.138N	P=0.309N	P=0.661N	P=0.125N
ORDER RESTRICTED	P=0.189N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.270N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Kidney: Renal Tubule
 Cyst**

LESION RATES

OVERALL (a)	20/50 (40%)	12/50 (24%)	15/50 (30%)	0/49 (0%)
POLY-3 RATE (b)	20/47.76	12/44.36	15/46.70	0/27.08
POLY-3 PERCENT (g)	41.9%	27.1%	32.1%	0%
TERMINAL (d)	16/40 (40%)	10/35 (29%)	14/43 (33%)	0/14 (0%)
FIRST INCIDENCE	524	625	703	---

STATISTICAL TESTS

LIFE TABLE	P=0.002N**	P=0.148N	P=0.150N	P=0.002N**
POLY 3	P<0.001N**	P=0.099N	P=0.221N	P<0.001N**
POLY 1.5	P<0.001N**	P=0.083N	P=0.215N	P<0.001N**
POLY 6	P=0.005N**	P=0.123N	P=0.220N	P<0.001N**
LOGISTIC REGRESSION	P<0.001N**	P=0.080N	P=0.195N	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.066N	P=0.201N	P<0.001N**
ORDER RESTRICTED	P<0.001N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.002N**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Basophilic Focus

LESION RATES

OVERALL (a)	0/50 (0%)	4/50 (8%)	5/50 (10%)	1/49 (2%)
POLY-3 RATE (b)	0/46.09	4/44.65	5/46.61	1/28.06
POLY-3 PERCENT (g)	0%	9%	10.7%	3.6%
TERMINAL (d)	0/40 (0%)	2/35 (6%)	5/43 (12%)	0/14 (0%)
FIRST INCIDENCE	---	518	728 (T)	217

STATISTICAL TESTS

LIFE TABLE	P=0.223	P=0.055	P=0.040*	P=0.483
POLY 3	P=0.182	P=0.056	P=0.032*	P=0.406
POLY 1.5	P=0.282	P=0.058	P=0.031*	P=0.436
POLY 6	P=0.121	P=0.054	P=0.033*	P=0.379
LOGISTIC REGRESSION	P=0.592N	P=0.071	P=0.040*	P=0.970
COCH-ARM / FISHERS	P=0.534	P=0.059	P=0.028*	P=0.495
ORDER RESTRICTED	P=0.144	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.218	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Clear Cell Focus

LESION RATES

OVERALL (a)	26/50 (52%)	21/50 (42%)	26/50 (52%)	1/49 (2%)
POLY-3 RATE (b)	26/46.53	21/44.62	26/46.61	1/27.08
POLY-3 PERCENT (g)	55.9%	47.1%	55.8%	3.7%
TERMINAL (d)	25/40 (63%)	19/35 (54%)	26/43 (61%)	1/14 (7%)
FIRST INCIDENCE	602	551	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.002N**	P=0.413N	P=0.427N	P<0.001N**
POLY 3	P<0.001N**	P=0.260N	P=0.580N	P<0.001N**
POLY 1.5	P<0.001N**	P=0.237N	P=0.579	P<0.001N**
POLY 6	P=0.006N**	P=0.294N	P=0.556N	P<0.001N**
LOGISTIC REGRESSION	P<0.001N**	P=0.333N	P=0.486N	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.212N	P=0.579N	P<0.001N**
ORDER RESTRICTED	P<0.001N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001N**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Eosinophilic Focus

LESION RATES

OVERALL (a)	7/50 (14%)	9/50 (18%)	16/50 (32%)	8/49 (16%)
POLY-3 RATE (b)	7/46.09	9/44.57	16/47.23	8/27.56
POLY-3 PERCENT (g)	15.2%	20.2%	33.9%	29%
TERMINAL (d)	7/40 (18%)	7/35 (20%)	15/43 (35%)	6/14 (43%)
FIRST INCIDENCE	728 (T)	572	527	589

STATISTICAL TESTS

LIFE TABLE	P=0.004**	P=0.294	P=0.042*	P=0.011*
POLY 3	P=0.036*	P=0.364	P=0.030*	P=0.141
POLY 1.5	P=0.088	P=0.376	P=0.028*	P=0.233
POLY 6	P=0.017*	P=0.349	P=0.034*	P=0.082
LOGISTIC REGRESSION	P=0.030*	P=0.347	P=0.030*	P=0.037*
COCH-ARM / FISHERS	P=0.384	P=0.393	P=0.028*	P=0.483
ORDER RESTRICTED	P=0.106	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.056	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Liver
 Hematopoietic Cell Proliferation**

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	2/44.48	0/46.61	0/27.08
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	---	603	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.522N	P=0.232	(e)	(e)
POLY 3	P=0.469N	P=0.229	(e)	(e)
POLY 1.5	P=0.449N	P=0.233	(e)	(e)
POLY 6	P=0.511N	P=0.225	(e)	(e)
LOGISTIC REGRESSION	P=0.312N	P=0.257	(e)	(e)
COCH-ARM / FISHERS	P=0.410N	P=0.247	(e)	(e)
ORDER RESTRICTED	P=0.365N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.434N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Infarct

LESION RATES

OVERALL (a)	3/50 (6%)	2/50 (4%)	1/50 (2%)	1/49 (2%)
POLY-3 RATE (b)	3/46.57	2/43.87	1/46.61	1/27.08
POLY-3 PERCENT (g)	6.4%	4.6%	2.2%	3.7%
TERMINAL (d)	2/40 (5%)	1/35 (3%)	1/43 (2%)	1/14 (7%)
FIRST INCIDENCE	588	683	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.437N	P=0.553N	P=0.290N	P=0.664N
POLY 3	P=0.266N	P=0.527N	P=0.305N	P=0.511N
POLY 1.5	P=0.251N	P=0.515N	P=0.306N	P=0.443N
POLY 6	P=0.281N	P=0.542N	P=0.301N	P=0.575N
LOGISTIC REGRESSION	P=0.309N	P=0.495N	P=0.305N	P=0.499N
COCH-ARM / FISHERS	P=0.204N	P=0.500N	P=0.309N	P=0.316N
ORDER RESTRICTED	P=0.398N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.425N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Infiltration Cellular Mononuclear Cell

LESION RATES

OVERALL (a)	6/50 (12%)	9/50 (18%)	6/50 (12%)	1/49 (2%)
POLY-3 RATE (b)	6/46.21	9/44.21	6/46.61	1/27.28
POLY-3 PERCENT (g)	13%	20.4%	12.9%	3.7%
TERMINAL (d)	5/40 (13%)	8/35 (23%)	6/43 (14%)	0/14 (0%)
FIRST INCIDENCE	699	572	728 (T)	678

STATISTICAL TESTS

LIFE TABLE	P=0.248N	P=0.203	P=0.569N	P=0.377N
POLY 3	P=0.167N	P=0.255	P=0.615N	P=0.198N
POLY 1.5	P=0.106N	P=0.270	P=0.619N	P=0.138N
POLY 6	P=0.236N	P=0.237	P=0.604N	P=0.265N
LOGISTIC REGRESSION	P=0.156N	P=0.238	P=0.588N	P=0.258N
COCH-ARM / FISHERS	P=0.030N*	P=0.288	P=0.620N	P=0.059N
ORDER RESTRICTED	P=0.125N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.199N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Inflammation Chronic

LESION RATES

OVERALL (a)	37/50 (74%)	30/50 (60%)	38/50 (76%)	19/49 (39%)
POLY-3 RATE (b)	37/48.31	30/45.73	38/48.08	19/31.71
POLY-3 PERCENT (g)	76.6%	65.6%	79%	59.9%
TERMINAL (d)	32/40 (80%)	24/35 (69%)	35/43 (81%)	10/14 (71%)
FIRST INCIDENCE	327	572	394	19

STATISTICAL TESTS

LIFE TABLE	P=0.090	P=0.357N	P=0.455N	P=0.126
POLY 3	P=0.178N	P=0.164N	P=0.482	P=0.082N
POLY 1.5	P=0.045N*	P=0.137N	P=0.480	P=0.015N*
POLY 6	P=0.370N	P=0.195N	P=0.502	P=0.247N
LOGISTIC REGRESSION	P=0.139N	P=0.143N	P=0.501	P=0.057N
COCH-ARM / FISHERS	P<0.001N**	P=0.101N	P=0.500	P<0.001N**
ORDER RESTRICTED	P=0.089N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.145N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Mineralization

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	2/49 (4%)
POLY-3 RATE (b)	1/46.46	0/43.70	1/46.61	2/28.50
POLY-3 PERCENT (g)	2.2%	0%	2.2%	7%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	625	---	728 (T)	455

STATISTICAL TESTS

LIFE TABLE	P=0.118	P=0.509N	P=0.750N	P=0.331
POLY 3	P=0.174	P=0.512N	P=0.760N	P=0.340
POLY 1.5	P=0.188	P=0.507N	P=0.760	P=0.388
POLY 6	P=0.184	P=0.519N	P=0.757N	P=0.299
LOGISTIC REGRESSION	P=0.426	P=0.481N	P=0.762N	P=0.713
COCH-ARM / FISHERS	P=0.242	P=0.500N	P=0.753N	P=0.492
ORDER RESTRICTED	P=0.111	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.180	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Mixed Cell Focus

LESION RATES

OVERALL (a)	5/50 (10%)	11/50 (22%)	15/50 (30%)	3/49 (6%)
POLY-3 RATE (b)	5/46.09	11/44.77	15/46.61	3/27.71
POLY-3 PERCENT (g)	10.9%	24.6%	32.2%	10.8%
TERMINAL (d)	5/40 (13%)	9/35 (26%)	15/43 (35%)	1/14 (7%)
FIRST INCIDENCE	728 (T)	555	728 (T)	528

STATISTICAL TESTS

LIFE TABLE	P=0.173	P=0.052	P=0.017*	P=0.399
POLY 3	P=0.234	P=0.073	P=0.011*	P=0.641N
POLY 1.5	P=0.420	P=0.078	P=0.010**	P=0.552N
POLY 6	P=0.125	P=0.067	P=0.012*	P=0.559
LOGISTIC REGRESSION	P=0.378	P=0.073	P=0.017*	P=0.609
COCH-ARM / FISHERS	P=0.257N	P=0.086	P=0.011*	P=0.369N
ORDER RESTRICTED	P=0.160	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.237	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver: Hepatocyte
 Necrosis

LESION RATES

OVERALL (a)	2/50 (4%)	4/50 (8%)	5/50 (10%)	1/49 (2%)
POLY-3 RATE (b)	2/46.38	4/44.23	5/47.44	1/27.74
POLY-3 PERCENT (g)	4.3%	9%	10.5%	3.6%
TERMINAL (d)	1/40 (3%)	2/35 (6%)	4/43 (9%)	0/14 (0%)
FIRST INCIDENCE	651	643	399	509

STATISTICAL TESTS

LIFE TABLE	P=0.485	P=0.290	P=0.245	P=0.721
POLY 3	P=0.450	P=0.316	P=0.226	P=0.666N
POLY 1.5	P=0.562	P=0.325	P=0.222	P=0.616N
POLY 6	P=0.368	P=0.304	P=0.232	P=0.708N
LOGISTIC REGRESSION	P=0.352N	P=0.341	P=0.216	P=0.517N
COCH-ARM / FISHERS	P=0.353N	P=0.339	P=0.218	P=0.508N
ORDER RESTRICTED	P=0.423N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.483N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver: Hepatocyte
 Tension Lipidosis

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/49 (2%)
POLY-3 RATE (b)	1/46.38	0/43.70	2/47.45	1/27.12
POLY-3 PERCENT (g)	2.2%	0%	4.2%	3.7%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	651	---	394	719

STATISTICAL TESTS

LIFE TABLE	P=0.323	P=0.524N	P=0.516	P=0.572
POLY 3	P=0.306	P=0.512N	P=0.508	P=0.629
POLY 1.5	P=0.356	P=0.507N	P=0.505	P=0.675
POLY 6	P=0.285	P=0.519N	P=0.513	P=0.584
LOGISTIC REGRESSION	P=0.605	P=0.485N	P=0.514	P=0.674
COCH-ARM / FISHERS	P=0.494	P=0.500N	P=0.500	P=0.747
ORDER RESTRICTED	P=0.391	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.456	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver: Hepatocyte
 Vacuolization Cytoplasmic

LESION RATES

OVERALL (a)	31/50 (62%)	28/50 (56%)	30/50 (60%)	10/49 (20%)
POLY-3 RATE (b)	31/48.06	28/45.84	30/46.61	10/30.60
POLY-3 PERCENT (g)	64.5%	61.1%	64.4%	32.7%
TERMINAL (d)	28/40 (70%)	24/35 (69%)	30/43 (70%)	5/14 (36%)
FIRST INCIDENCE	327	380	728 (T)	412

STATISTICAL TESTS

LIFE TABLE	P=0.231N	P=0.537	P=0.324N	P=0.279N
POLY 3	P=0.013N*	P=0.448N	P=0.581N	P=0.005N**
POLY 1.5	P=0.002N**	P=0.404N	P=0.562N	P<0.001N**
POLY 6	P=0.046N*	P=0.502N	P=0.573N	P=0.021N*
LOGISTIC REGRESSION	P=0.005N**	P=0.389N	P=0.490N	P=0.002N**
COCH-ARM / FISHERS	P<0.001N**	P=0.342N	P=0.500N	P<0.001N**
ORDER RESTRICTED	P=0.005N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.018N*	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Lung
 Inflammation Chronic**

LESION RATES

OVERALL (a)	4/50 (8%)	2/50 (4%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	4/46.09	2/44.01	2/47.45	0/27.08
POLY-3 PERCENT (g)	8.7%	4.5%	4.2%	0%
TERMINAL (d)	4/40 (10%)	1/35 (3%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	643	394	---

STATISTICAL TESTS

LIFE TABLE	P=0.118N	P=0.396N	P=0.310N	P=0.264N
POLY 3	P=0.089N	P=0.359N	P=0.324N	P=0.163N
POLY 1.5	P=0.074N	P=0.350N	P=0.330N	P=0.121N
POLY 6	P=0.107N	P=0.370N	P=0.315N	P=0.211N
LOGISTIC REGRESSION	P=0.042N*	P=0.365N	P=0.335N	(e)
COCH-ARM / FISHERS	P=0.045N*	P=0.339N	P=0.339N	P=0.061N
ORDER RESTRICTED	P=0.108N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.142N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Lung
 Mineralization**

LESION RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	1/43.70	1/46.61	0/27.08
POLY-3 PERCENT (g)	0%	2.3%	2.2%	0%
TERMINAL (d)	0/40 (0%)	1/35 (3%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	---	728 (T)	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.655	P=0.473	P=0.514	(e)
POLY 3	P=0.537	P=0.489	P=0.502	(e)
POLY 1.5	P=0.614	P=0.494	P=0.501	(e)
POLY 6	P=0.493	P=0.483	P=0.506	(e)
LOGISTIC REGRESSION	(e)	P=0.473	P=0.514	(e)
COCH-ARM / FISHERS	P=0.600N	P=0.500	P=0.500	(e)
ORDER RESTRICTED	P=0.453	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.510	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Lung: Alveolar Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	3/50 (6%)	1/50 (2%)	2/50 (4%)	7/49 (14%)
POLY-3 RATE (b)	3/47.00	1/43.92	2/46.61	7/27.77
POLY-3 PERCENT (g)	6.4%	2.3%	4.3%	25.2%
TERMINAL (d)	2/40 (5%)	0/35 (0%)	2/43 (5%)	5/14 (36%)
FIRST INCIDENCE	327	668	728 (T)	589

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.341N	P=0.474N	P=0.005**
POLY 3	P=0.018*	P=0.330N	P=0.504N	P=0.030*
POLY 1.5	P=0.019*	P=0.321N	P=0.505N	P=0.053
POLY 6	P=0.023*	P=0.340N	P=0.497N	P=0.017*
LOGISTIC REGRESSION	P=0.011*	P=0.257N	P=0.494N	P=0.044*
COCH-ARM / FISHERS	P=0.034*	P=0.309N	P=0.500N	P=0.151
ORDER RESTRICTED	P=0.002**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.011*	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Lung: Alveolus
 Infiltration Cellular Histiocyte**

LESION RATES

OVERALL (a)	3/50 (6%)	1/50 (2%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	3/46.09	1/43.70	2/47.45	0/27.08
POLY-3 PERCENT (g)	6.5%	2.3%	4.2%	0%
TERMINAL (d)	3/40 (8%)	1/35 (3%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	394	---

STATISTICAL TESTS

LIFE TABLE	P=0.219N	P=0.354N	P=0.472N	P=0.355N
POLY 3	P=0.178N	P=0.325N	P=0.487N	P=0.242N
POLY 1.5	P=0.153N	P=0.316N	P=0.493N	P=0.196N
POLY 6	P=0.209N	P=0.336N	P=0.478N	P=0.292N
LOGISTIC REGRESSION	P=0.100N	P=0.354N	P=0.497N	(e)
COCH-ARM / FISHERS	P=0.106N	P=0.309N	P=0.500N	P=0.125N
ORDER RESTRICTED	P=0.160N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.240N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Lymph Node, Mandibular
 Hyperplasia Lymphoid

LESION RATES

OVERALL (a)	6/49 (12%)	4/50 (8%)	7/49 (14%)	0/48 (0%)
POLY-3 RATE (b)	6/45.68	4/44.26	7/45.61	0/26.82
POLY-3 PERCENT (g)	13.1%	9%	15.4%	0%
TERMINAL (d)	5/40 (13%)	3/35 (9%)	7/42 (17%)	0/14 (0%)
FIRST INCIDENCE	699	551	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.210N	P=0.450N	P=0.539	P=0.152N
POLY 3	P=0.180N	P=0.389N	P=0.499	P=0.075N
POLY 1.5	P=0.114N	P=0.375N	P=0.497	P=0.047N*
POLY 6	P=0.263N	P=0.409N	P=0.506	P=0.113N
LOGISTIC REGRESSION	P=0.132N	P=0.380N	P=0.522	P=0.108N
COCH-ARM / FISHERS	P=0.035N*	P=0.357N	P=0.500	P=0.014N*
ORDER RESTRICTED	P=0.089N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.156N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Lymph Node, Mesenteric
 Hyperplasia Lymphoid

LESION RATES

OVERALL (a)	2/50 (4%)	3/49 (6%)	5/49 (10%)	0/49 (0%)
POLY-3 RATE (b)	2/46.09	3/43.98	5/45.62	0/27.08
POLY-3 PERCENT (g)	4.3%	6.8%	11%	0%
TERMINAL (d)	2/40 (5%)	2/35 (6%)	5/43 (12%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	572	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.552N	P=0.446	P=0.246	P=0.488N
POLY 3	P=0.541N	P=0.479	P=0.212	P=0.369N
POLY 1.5	P=0.428N	P=0.485	P=0.210	P=0.324N
POLY 6	P=0.476	P=0.470	P=0.219	P=0.414N
LOGISTIC REGRESSION	P=0.435N	P=0.492	P=0.246	(e)
COCH-ARM / FISHERS	P=0.227N	P=0.490	P=0.210	P=0.253N
ORDER RESTRICTED	P=0.204N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.287N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Lymph Node: Mediastinal
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	1/4 (25%)	1/3 (33%)	0/4 (0%)	0/0 (0%)
POLY-3 RATE (b)	1/3.66	1/2.13	0/2.58	0/0.00
POLY-3 PERCENT (g)	27.4%	47%	0%	0%
TERMINAL (d)	1/2 (50%)	1/1 (100%)	0/1 (0%)	0/0 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.700N	P=0.638	P=0.638N	P=1.000N
POLY 3	(e)	P=0.644	P=0.568N	(e)
POLY 1.5	(e)	P=0.669	P=0.541N	(e)
POLY 6	(e)	P=0.601	P=0.597N	(e)
LOGISTIC REGRESSION	P=0.700N	P=0.638	(e)	(e)
COCH-ARM / FISHERS	P=0.500N	P=0.714	P=0.500N	P=1.000
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Mesentery: Fat
 Fibrosis

LESION RATES

OVERALL (a)	2/4 (50%)	2/4 (50%)	2/4 (50%)	2/2 (100%)
POLY-3 RATE (b)	2/3.66	2/3.57	2/4.00	2/2.00
POLY-3 PERCENT (g)	54.7%	56.1%	50%	100%
TERMINAL (d)	2/2 (100%)	2/3 (67%)	1/3 (33%)	1/1 (100%)
FIRST INCIDENCE	728 (T)	728 (T)	725	672

STATISTICAL TESTS

LIFE TABLE	P=0.260	P=0.581N	P=0.589N	P=0.325
POLY 3	P=0.318	P=0.741	P=0.700N	P=0.434
POLY 1.5	P=0.297	P=0.735	P=0.715N	P=0.409
POLY 6	P=0.359	P=0.757	P=0.671N	P=0.485
LOGISTIC REGRESSION	P=0.263	P=0.581N	P=0.460N	P=0.322
COCH-ARM / FISHERS	P=0.256	P=0.757N	P=0.757N	P=0.400
ORDER RESTRICTED	P=0.312	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.292	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Mesentery: Fat
 Inflammation Chronic

LESION RATES

OVERALL (a)	2/4 (50%)	3/4 (75%)	3/4 (75%)	2/2 (100%)
POLY-3 RATE (b)	2/3.66	3/3.57	3/4.00	2/2.00
POLY-3 PERCENT (g)	54.7%	84.1%	75%	100%
TERMINAL (d)	2/2 (100%)	3/3 (100%)	2/3 (67%)	1/1 (100%)
FIRST INCIDENCE	728 (T)	728 (T)	725	672

STATISTICAL TESTS

LIFE TABLE	P=0.208	P=1.000	P=0.728	P=0.325
POLY 3	P=0.289	P=0.481	P=0.562	P=0.434
POLY 1.5	P=0.262	P=0.488	P=0.532	P=0.409
POLY 6	P=0.350	P=0.480	P=0.617	P=0.485
LOGISTIC REGRESSION	P=0.217	P=1.000	P=0.720N	P=0.322
COCH-ARM / FISHERS	P=0.216	P=0.500	P=0.500	P=0.400
ORDER RESTRICTED	P=0.254	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.237	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Mesentery: Fat
 Mineralization

LESION RATES

OVERALL (a)	2/4 (50%)	2/4 (50%)	3/4 (75%)	2/2 (100%)
POLY-3 RATE (b)	2/3.66	2/3.57	3/4.00	2/2.00
POLY-3 PERCENT (g)	54.7%	56.1%	75%	100%
TERMINAL (d)	2/2 (100%)	2/3 (67%)	2/3 (67%)	1/1 (100%)
FIRST INCIDENCE	728 (T)	728 (T)	725	672

STATISTICAL TESTS

LIFE TABLE	P=0.178	P=0.581N	P=0.728	P=0.325
POLY 3	P=0.239	P=0.741	P=0.562	P=0.434
POLY 1.5	P=0.218	P=0.735	P=0.532	P=0.409
POLY 6	P=0.283	P=0.757	P=0.617	P=0.485
LOGISTIC REGRESSION	P=0.177	P=0.581N	P=0.720N	P=0.322
COCH-ARM / FISHERS	P=0.178	P=0.757N	P=0.500	P=0.400
ORDER RESTRICTED	P=0.297	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.279	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Mesentery: Fat
 Necrosis

LESION RATES

OVERALL (a)	2/4 (50%)	2/4 (50%)	2/4 (50%)	2/2 (100%)
POLY-3 RATE (b)	2/3.66	2/3.57	2/4.00	2/2.00
POLY-3 PERCENT (g)	54.7%	56.1%	50%	100%
TERMINAL (d)	2/2 (100%)	2/3 (67%)	1/3 (33%)	1/1 (100%)
FIRST INCIDENCE	728 (T)	728 (T)	725	672

STATISTICAL TESTS

LIFE TABLE	P=0.260	P=0.581N	P=0.589N	P=0.325
POLY 3	P=0.318	P=0.741	P=0.700N	P=0.434
POLY 1.5	P=0.297	P=0.735	P=0.715N	P=0.409
POLY 6	P=0.359	P=0.757	P=0.671N	P=0.485
LOGISTIC REGRESSION	P=0.263	P=0.581N	P=0.460N	P=0.322
COCH-ARM / FISHERS	P=0.256	P=0.757N	P=0.757N	P=0.400
ORDER RESTRICTED	P=0.312	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.292	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Nose
 Edema

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/47 (0%)
POLY-3 RATE (b)	1/46.09	2/43.70	0/46.61	0/26.58
POLY-3 PERCENT (g)	2.2%	4.6%	0%	0%
TERMINAL (d)	1/40 (3%)	2/35 (6%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.312N	P=0.453	P=0.486N	P=0.709N
POLY 3	P=0.224N	P=0.481	P=0.498N	P=0.603N
POLY 1.5	P=0.218N	P=0.489	P=0.499N	P=0.574N
POLY 6	P=0.243N	P=0.471	P=0.494N	P=0.629N
LOGISTIC REGRESSION	P=0.312N	P=0.453	(e)	(e)
COCH-ARM / FISHERS	P=0.197N	P=0.500	P=0.500N	P=0.515N
ORDER RESTRICTED	P=0.294N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.361N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Nose
 Inflammation Chronic**

LESION RATES

OVERALL (a)	0/50 (0%)	6/50 (12%)	18/50 (36%)	45/47 (96%)
POLY-3 RATE (b)	0/46.09	6/44.47	18/47.32	45/45.02
POLY-3 PERCENT (g)	0%	13.5%	38%	100%
TERMINAL (d)	0/40 (0%)	5/35 (14%)	16/43 (37%)	14/14 (100%)
FIRST INCIDENCE	---	446	485	190

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.013*	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.013*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.014*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.012*	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.019*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.013*	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Nose: Glands
 Dilatation**

LESION RATES

OVERALL (a)	16/50 (32%)	22/50 (44%)	47/50 (94%)	45/47 (96%)
POLY-3 RATE (b)	16/48.51	22/45.48	47/49.17	45/45.02
POLY-3 PERCENT (g)	33%	48.4%	95.6%	100%
TERMINAL (d)	10/40 (25%)	18/35 (51%)	41/43 (95%)	14/14 (100%)
FIRST INCIDENCE	327	446	394	190

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.085	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.093	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.114	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.072	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.160	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.151	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Nose: Glands
 Hyperplasia**

LESION RATES

OVERALL (a)	3/50 (6%)	7/50 (14%)	45/50 (90%)	45/47 (96%)
POLY-3 RATE (b)	3/46.59	7/43.70	45/48.32	45/45.02
POLY-3 PERCENT (g)	6.4%	16%	93.1%	100%
TERMINAL (d)	2/40 (5%)	7/35 (20%)	40/43 (93%)	14/14 (100%)
FIRST INCIDENCE	580	728 (T)	485	190

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.112	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.132	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.143	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.119	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.134	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.159	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Nose: Glands
 Inflammation Chronic**

LESION RATES

OVERALL (a)	4/50 (8%)	12/50 (24%)	34/50 (68%)	43/47 (91%)
POLY-3 RATE (b)	4/46.21	12/44.47	34/46.72	43/43.22
POLY-3 PERCENT (g)	8.7%	27%	72.8%	99.5%
TERMINAL (d)	3/40 (8%)	11/35 (31%)	32/43 (74%)	14/14 (100%)
FIRST INCIDENCE	699	446	703	217

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.015*	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.020*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.023*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.016*	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.022*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.027*	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Nose: Nasolacrimal Duct
 Inflammation**

LESION RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/47 (0%)
POLY-3 RATE (b)	2/46.21	1/44.26	0/46.61	0/26.58
POLY-3 PERCENT (g)	4.3%	2.3%	0%	0%
TERMINAL (d)	1/40 (3%)	0/35 (0%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	699	551	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.161N	P=0.536N	P=0.224N	P=0.478N
POLY 3	P=0.098N	P=0.515N	P=0.235N	P=0.374N
POLY 1.5	P=0.103N	P=0.508N	P=0.237N	P=0.331N
POLY 6	P=0.102N	P=0.524N	P=0.232N	P=0.417N
LOGISTIC REGRESSION	P=0.080N	P=0.477N	P=0.236N	P=0.403N
COCH-ARM / FISHERS	P=0.105N	P=0.500N	P=0.247N	P=0.263N
ORDER RESTRICTED	P=0.191N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.157N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Nose: Olfactory Epithelium
 Accumulation, Hyaline Droplet

LESION RATES

OVERALL (a)	13/50 (26%)	17/50 (34%)	29/50 (58%)	27/47 (57%)
POLY-3 RATE (b)	13/46.93	17/44.26	29/47.32	27/33.53
POLY-3 PERCENT (g)	27.7%	38.4%	61.3%	80.5%
TERMINAL (d)	10/40 (25%)	16/35 (46%)	27/43 (63%)	13/14 (93%)
FIRST INCIDENCE	602	551	485	352

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.143	P=0.004**	P<0.001**
POLY 3	P<0.001**	P=0.192	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.220	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.158	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.191	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.257	P<0.001**	P=0.002**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
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 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Nose: Olfactory Epithelium
 Degeneration**

LESION RATES

OVERALL (a)	4/50 (8%)	2/50 (4%)	17/50 (34%)	39/47 (83%)
POLY-3 RATE (b)	4/46.09	2/43.70	17/47.51	39/43.85
POLY-3 PERCENT (g)	8.7%	4.6%	35.8%	89%
TERMINAL (d)	4/40 (10%)	2/35 (6%)	15/43 (35%)	10/14 (71%)
FIRST INCIDENCE	728 (T)	728 (T)	527	190

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.400N	P=0.003**	P<0.001**
POLY 3	P<0.001**	P=0.362N	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.351N	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.376N	P=0.002**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.400N	P=0.002**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.339N	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
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 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Nose: Olfactory Epithelium
 Hyperplasia

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	3/47 (6%)
POLY-3 RATE (b)	0/46.09	0/43.70	2/46.61	3/28.00
POLY-3 PERCENT (g)	0%	0%	4.3%	10.7%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	2/43 (5%)	1/14 (7%)
FIRST INCIDENCE	---	---	728 (T)	455

STATISTICAL TESTS

LIFE TABLE	P=0.003**	(e)	P=0.254	P=0.039*
POLY 3	P=0.009**	(e)	P=0.240	P=0.054
POLY 1.5	P=0.012*	(e)	P=0.238	P=0.068
POLY 6	P=0.009**	(e)	P=0.244	P=0.045*
LOGISTIC REGRESSION	P=0.027*	(e)	P=0.254	P=0.141
COCH-ARM / FISHERS	P=0.023*	(e)	P=0.247	P=0.110
ORDER RESTRICTED	P=0.012*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.013*	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
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Date Report Requested: 11/10/2006
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Nose: Olfactory Epithelium
 Metaplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	7/50 (14%)	38/50 (76%)	43/47 (91%)
POLY-3 RATE (b)	1/46.09	7/44.05	38/48.32	43/43.06
POLY-3 PERCENT (g)	2.2%	15.9%	78.6%	99.9%
TERMINAL (d)	1/40 (3%)	6/35 (17%)	33/43 (77%)	14/14 (100%)
FIRST INCIDENCE	728 (T)	629	485	217

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.022*	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.025*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.027*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.023*	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.025*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.030*	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Nose: Respiratory Epithelium
 Accumulation, Hyaline Droplet

LESION RATES

OVERALL (a)	14/50 (28%)	17/50 (34%)	23/50 (46%)	31/47 (66%)
POLY-3 RATE (b)	14/47.90	17/44.38	23/47.31	31/36.42
POLY-3 PERCENT (g)	29.2%	38.3%	48.6%	85.1%
TERMINAL (d)	9/40 (23%)	15/35 (43%)	22/43 (51%)	14/14 (100%)
FIRST INCIDENCE	580	551	485	352

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.210	P=0.088	P<0.001**
POLY 3	P<0.001**	P=0.241	P=0.040*	P<0.001**
POLY 1.5	P<0.001**	P=0.280	P=0.042*	P<0.001**
POLY 6	P<0.001**	P=0.194	P=0.038*	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.300	P=0.049*	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.333	P=0.048*	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
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 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Pancreas: Acinus
 Atrophy**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/46.09	2/44.13	0/46.61	0/27.08
POLY-3 PERCENT (g)	2.2%	4.5%	0%	0%
TERMINAL (d)	1/40 (3%)	1/35 (3%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	603	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.300N	P=0.467	P=0.486N	P=0.709N
POLY 3	P=0.223N	P=0.485	P=0.498N	P=0.600N
POLY 1.5	P=0.214N	P=0.491	P=0.499N	P=0.569N
POLY 6	P=0.243N	P=0.477	P=0.494N	P=0.627N
LOGISTIC REGRESSION	P=0.210N	P=0.507	(e)	(e)
COCH-ARM / FISHERS	P=0.191N	P=0.500	P=0.500N	P=0.505N
ORDER RESTRICTED	P=0.291N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.359N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Pancreas: Artery
 Inflammation Chronic

LESION RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/46.09	1/43.70	0/46.61	0/27.08
POLY-3 PERCENT (g)	4.3%	2.3%	0%	0%
TERMINAL (d)	2/40 (5%)	1/35 (3%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.166N	P=0.547N	P=0.223N	P=0.488N
POLY 3	P=0.097N	P=0.519N	P=0.235N	P=0.369N
POLY 1.5	P=0.101N	P=0.511N	P=0.236N	P=0.324N
POLY 6	P=0.100N	P=0.529N	P=0.231N	P=0.414N
LOGISTIC REGRESSION	P=0.166N	P=0.547N	(e)	(e)
COCH-ARM / FISHERS	P=0.102N	P=0.500N	P=0.247N	P=0.253N
ORDER RESTRICTED	P=0.185N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.155N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Parathyroid Gland
 Cyst**

LESION RATES

OVERALL (a)	0/41 (0%)	2/48 (4%)	0/48 (0%)	1/37 (3%)
POLY-3 RATE (b)	0/38.37	2/42.01	0/44.70	1/23.34
POLY-3 PERCENT (g)	0%	4.8%	0%	4.3%
TERMINAL (d)	0/33 (0%)	2/34 (6%)	0/42 (0%)	1/13 (8%)
FIRST INCIDENCE	---	728 (T)	---	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.344	P=0.245	(e)	P=0.315
POLY 3	P=0.404	P=0.257	(e)	P=0.405
POLY 1.5	P=0.430	P=0.263	(e)	P=0.427
POLY 6	P=0.397	P=0.250	(e)	P=0.384
LOGISTIC REGRESSION	(e)	P=0.245	(e)	P=0.315
COCH-ARM / FISHERS	P=0.505	P=0.288	(e)	P=0.474
ORDER RESTRICTED	P=0.252	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.300	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Pituitary Gland: Pars Distalis
 Cyst**

LESION RATES

OVERALL (a)	6/48 (13%)	2/50 (4%)	3/50 (6%)	2/49 (4%)
POLY-3 RATE (b)	6/45.22	2/43.70	3/46.62	2/27.33
POLY-3 PERCENT (g)	13.3%	4.6%	6.4%	7.3%
TERMINAL (d)	4/39 (10%)	2/35 (6%)	2/43 (5%)	1/14 (7%)
FIRST INCIDENCE	625	728 (T)	725	662

STATISTICAL TESTS

LIFE TABLE	P=0.423N	P=0.173N	P=0.209N	P=0.561N
POLY 3	P=0.215N	P=0.144N	P=0.227N	P=0.355N
POLY 1.5	P=0.190N	P=0.133N	P=0.226N	P=0.263N
POLY 6	P=0.236N	P=0.159N	P=0.226N	P=0.449N
LOGISTIC REGRESSION	P=0.286N	P=0.130N	P=0.222N	P=0.340N
COCH-ARM / FISHERS	P=0.127N	P=0.121N	P=0.223N	P=0.127N
ORDER RESTRICTED	P=0.255N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.333N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Pituitary Gland: Pars Distalis
 Hyperplasia**

LESION RATES

OVERALL (a)	0/48 (0%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/44.57	0/43.70	1/46.61	0/27.08
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/39 (0%)	0/35 (0%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	---	---	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.614	(e)	P=0.519	(e)
POLY 3	P=0.445	(e)	P=0.509	(e)
POLY 1.5	P=0.529	(e)	P=0.508	(e)
POLY 6	P=0.406	(e)	P=0.511	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.519	(e)
COCH-ARM / FISHERS	P=0.697	(e)	P=0.510	(e)
ORDER RESTRICTED	P=0.419	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.480	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Preputial Gland
 Inflammation Chronic**

LESION RATES

OVERALL (a)	7/50 (14%)	3/50 (6%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	7/46.59	3/43.70	2/46.89	0/27.08
POLY-3 PERCENT (g)	15%	6.9%	4.3%	0%
TERMINAL (d)	6/40 (15%)	3/35 (9%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	580	728 (T)	652	---

STATISTICAL TESTS

LIFE TABLE	P=0.022N*	P=0.216N	P=0.071N	P=0.107N
POLY 3	P=0.011N*	P=0.184N	P=0.077N	P=0.052N
POLY 1.5	P=0.008N**	P=0.173N	P=0.079N	P=0.029N*
POLY 6	P=0.013N*	P=0.200N	P=0.074N	P=0.086N
LOGISTIC REGRESSION	P=0.012N*	P=0.181N	P=0.081N	P=0.047N*
COCH-ARM / FISHERS	P=0.005N**	P=0.159N	P=0.080N	P=0.007N**
ORDER RESTRICTED	P=0.022N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.016N*	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Preputial Gland: Duct
 Ectasia

LESION RATES

OVERALL (a)	10/50 (20%)	7/50 (14%)	8/50 (16%)	7/49 (14%)
POLY-3 RATE (b)	10/47.48	7/44.61	8/47.51	7/27.95
POLY-3 PERCENT (g)	21.1%	15.7%	16.8%	25%
TERMINAL (d)	7/40 (18%)	5/35 (14%)	6/43 (14%)	4/14 (29%)
FIRST INCIDENCE	524	555	527	528

STATISTICAL TESTS

LIFE TABLE	P=0.183	P=0.395N	P=0.356N	P=0.170
POLY 3	P=0.453	P=0.347N	P=0.397N	P=0.457
POLY 1.5	P=0.540N	P=0.326N	P=0.400N	P=0.606N
POLY 6	P=0.409	P=0.375N	P=0.387N	P=0.326
LOGISTIC REGRESSION	P=0.557	P=0.281N	P=0.398N	P=0.520
COCH-ARM / FISHERS	P=0.317N	P=0.298N	P=0.398N	P=0.314N
ORDER RESTRICTED	P=0.396	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.461	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Salivary Glands: Artery
 Mineralization**

LESION RATES

OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/46.59	0/43.70	0/46.61	0/27.08
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	1/40 (3%)	0/35 (0%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	580	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.159N	P=0.264N	P=0.236N	P=0.437N
POLY 3	P=0.082N	P=0.252N	P=0.237N	P=0.372N
POLY 1.5	P=0.093N	P=0.245N	P=0.238N	P=0.325N
POLY 6	P=0.080N	P=0.260N	P=0.235N	P=0.418N
LOGISTIC REGRESSION	P=0.086N	P=0.221N	P=0.235N	P=0.261N
COCH-ARM / FISHERS	P=0.116N	P=0.247N	P=0.247N	P=0.253N
ORDER RESTRICTED	P=0.115N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.130N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Skin
 Inflammation Chronic**

LESION RATES

OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	2/46.23	3/44.33	2/46.70	0/27.08
POLY-3 PERCENT (g)	4.3%	6.8%	4.3%	0%
TERMINAL (d)	1/40 (3%)	1/35 (3%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	692	572	703	---

STATISTICAL TESTS

LIFE TABLE	P=0.316N	P=0.443	P=0.667N	P=0.481N
POLY 3	P=0.275N	P=0.481	P=0.690N	P=0.370N
POLY 1.5	P=0.225N	P=0.489	P=0.692N	P=0.324N
POLY 6	P=0.333N	P=0.470	P=0.684N	P=0.416N
LOGISTIC REGRESSION	P=0.188N	P=0.512	P=0.693N	P=0.392N
COCH-ARM / FISHERS	P=0.138N	P=0.500	P=0.691N	P=0.253N
ORDER RESTRICTED	P=0.254N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.333N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Skin: Epidermis
 Hyperplasia

LESION RATES

OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	2/46.23	2/43.81	1/46.61	0/27.08
POLY-3 PERCENT (g)	4.3%	4.6%	2.2%	0%
TERMINAL (d)	1/40 (3%)	1/35 (3%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	692	699	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.261N	P=0.640	P=0.478N	P=0.481N
POLY 3	P=0.196N	P=0.674	P=0.497N	P=0.370N
POLY 1.5	P=0.174N	P=0.683	P=0.499N	P=0.324N
POLY 6	P=0.227N	P=0.663	P=0.492N	P=0.416N
LOGISTIC REGRESSION	P=0.212N	P=0.677	P=0.497N	P=0.392N
COCH-ARM / FISHERS	P=0.128N	P=0.691N	P=0.500N	P=0.253N
ORDER RESTRICTED	P=0.276N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.317N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Skin: Epidermis
 Ulcer

LESION RATES

OVERALL (a)	2/50 (4%)	3/50 (6%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	2/46.23	3/44.33	1/46.70	0/27.08
POLY-3 PERCENT (g)	4.3%	6.8%	2.1%	0%
TERMINAL (d)	1/40 (3%)	1/35 (3%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	692	572	703	---

STATISTICAL TESTS

LIFE TABLE	P=0.232N	P=0.443	P=0.476N	P=0.481N
POLY 3	P=0.183N	P=0.481	P=0.496N	P=0.370N
POLY 1.5	P=0.157N	P=0.489	P=0.499N	P=0.324N
POLY 6	P=0.217N	P=0.470	P=0.491N	P=0.416N
LOGISTIC REGRESSION	P=0.126N	P=0.512	P=0.499N	P=0.392N
COCH-ARM / FISHERS	P=0.106N	P=0.500	P=0.500N	P=0.253N
ORDER RESTRICTED	P=0.224N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.297N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Spleen
 Hematopoietic Cell Proliferation**

LESION RATES

OVERALL (a)	11/50 (22%)	16/50 (32%)	11/50 (22%)	2/49 (4%)
POLY-3 RATE (b)	11/48.04	16/47.09	11/48.22	2/27.08
POLY-3 PERCENT (g)	22.9%	34%	22.8%	7.4%
TERMINAL (d)	6/40 (15%)	7/35 (20%)	7/43 (16%)	2/14 (14%)
FIRST INCIDENCE	327	518	485	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.131N	P=0.137	P=0.537N	P=0.208N
POLY 3	P=0.100N	P=0.165	P=0.591N	P=0.096N
POLY 1.5	P=0.041N*	P=0.170	P=0.593	P=0.046N*
POLY 6	P=0.184N	P=0.163	P=0.577N	P=0.173N
LOGISTIC REGRESSION	P=0.003N**	P=0.245	P=0.597N	P=0.028N*
COCH-ARM / FISHERS	P=0.003N**	P=0.184	P=0.595N	P=0.008N**
ORDER RESTRICTED	P=0.050N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.109N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Spleen: Lymphoid Follicle
 Hyperplasia

LESION RATES

OVERALL (a)	0/50 (0%)	3/50 (6%)	4/50 (8%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	3/43.82	4/46.61	0/27.08
POLY-3 PERCENT (g)	0%	6.9%	8.6%	0%
TERMINAL (d)	0/40 (0%)	2/35 (6%)	4/43 (9%)	0/14 (0%)
FIRST INCIDENCE	---	697	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.426	P=0.101	P=0.073	(e)
POLY 3	P=0.327	P=0.110	P=0.062	(e)
POLY 1.5	P=0.456	P=0.114	P=0.061	(e)
POLY 6	P=0.236	P=0.105	P=0.064	(e)
LOGISTIC REGRESSION	P=0.477	P=0.106	P=0.073	(e)
COCH-ARM / FISHERS	P=0.483N	P=0.121	P=0.059	(e)
ORDER RESTRICTED	P=0.219	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.300	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Stomach, Forestomach
 Inflammation Chronic**

LESION RATES

OVERALL (a)	1/50 (2%)	5/50 (10%)	3/50 (6%)	2/49 (4%)
POLY-3 RATE (b)	1/46.57	5/45.11	3/47.45	2/27.12
POLY-3 PERCENT (g)	2.2%	11.1%	6.3%	7.4%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	2/43 (5%)	1/14 (7%)
FIRST INCIDENCE	588	625	394	719

STATISTICAL TESTS

LIFE TABLE	P=0.285	P=0.093	P=0.321	P=0.221
POLY 3	P=0.299	P=0.094	P=0.312	P=0.326
POLY 1.5	P=0.381	P=0.097	P=0.309	P=0.379
POLY 6	P=0.252	P=0.092	P=0.317	P=0.281
LOGISTIC REGRESSION	P=0.521N	P=0.121	P=0.310	P=0.354
COCH-ARM / FISHERS	P=0.574N	P=0.102	P=0.309	P=0.492
ORDER RESTRICTED	P=0.289	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.366	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Stomach, Forestomach
 Ulcer

LESION RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	1/44.05	2/47.45	0/27.08
POLY-3 PERCENT (g)	0%	2.3%	4.2%	0%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	---	629	394	---

STATISTICAL TESTS

LIFE TABLE	P=0.575	P=0.491	P=0.250	(e)
POLY 3	P=0.388	P=0.491	P=0.244	(e)
POLY 1.5	P=0.486	P=0.495	P=0.241	(e)
POLY 6	P=0.324	P=0.486	P=0.248	(e)
LOGISTIC REGRESSION	P=0.443N	P=0.518	P=0.236	(e)
COCH-ARM / FISHERS	P=0.622N	P=0.500	P=0.247	(e)
ORDER RESTRICTED	P=0.370	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.438	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Stomach, Forestomach: Epithelium
 Hyperkeratosis

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	2/50 (4%)	4/49 (8%)
POLY-3 RATE (b)	0/46.09	2/44.35	2/46.61	4/27.94
POLY-3 PERCENT (g)	0%	4.5%	4.3%	14.3%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	2/43 (5%)	2/14 (14%)
FIRST INCIDENCE	---	629	728 (T)	412

STATISTICAL TESTS

LIFE TABLE	P=0.003**	P=0.224	P=0.254	P=0.007**
POLY 3	P=0.014*	P=0.229	P=0.240	P=0.020*
POLY 1.5	P=0.019*	P=0.232	P=0.238	P=0.029*
POLY 6	P=0.014*	P=0.224	P=0.244	P=0.015*
LOGISTIC REGRESSION	P=0.024*	P=0.255	P=0.254	P=0.028*
COCH-ARM / FISHERS	P=0.041*	P=0.247	P=0.247	P=0.056
ORDER RESTRICTED	P=0.008**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.021*	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Stomach, Forestomach: Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	4/50 (8%)	4/50 (8%)	4/49 (8%)
POLY-3 RATE (b)	1/46.23	4/44.52	4/47.45	4/27.37
POLY-3 PERCENT (g)	2.2%	9%	8.4%	14.6%
TERMINAL (d)	0/40 (0%)	1/35 (3%)	3/43 (7%)	2/14 (14%)
FIRST INCIDENCE	692	629	394	662

STATISTICAL TESTS

LIFE TABLE	P=0.023*	P=0.154	P=0.201	P=0.017*
POLY 3	P=0.058	P=0.167	P=0.187	P=0.067
POLY 1.5	P=0.085	P=0.172	P=0.184	P=0.093
POLY 6	P=0.047*	P=0.162	P=0.192	P=0.050*
LOGISTIC REGRESSION	P=0.119	P=0.191	P=0.179	P=0.036*
COCH-ARM / FISHERS	P=0.196	P=0.181	P=0.181	P=0.175
ORDER RESTRICTED	P=0.066	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.092	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Stomach, Glandular
 Mineralization**

LESION RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	1/44.06	2/46.61	0/27.08
POLY-3 PERCENT (g)	0%	2.3%	4.3%	0%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	2/43 (5%)	0/14 (0%)
FIRST INCIDENCE	---	625	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.524	P=0.491	P=0.254	(e)
POLY 3	P=0.389	P=0.491	P=0.240	(e)
POLY 1.5	P=0.487	P=0.495	P=0.238	(e)
POLY 6	P=0.324	P=0.486	P=0.244	(e)
LOGISTIC REGRESSION	P=0.624	P=0.519	P=0.254	(e)
COCH-ARM / FISHERS	P=0.622N	P=0.500	P=0.247	(e)
ORDER RESTRICTED	P=0.365	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.434	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Testes
 Mineralization**

LESION RATES

OVERALL (a)	2/50 (4%)	2/50 (4%)	4/50 (8%)	1/49 (2%)
POLY-3 RATE (b)	2/46.09	2/43.70	4/47.31	1/27.74
POLY-3 PERCENT (g)	4.3%	4.6%	8.5%	3.6%
TERMINAL (d)	2/40 (5%)	2/35 (6%)	3/43 (7%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	485	509

STATISTICAL TESTS

LIFE TABLE	P=0.437	P=0.646	P=0.365	P=0.695
POLY 3	P=0.449	P=0.675	P=0.349	P=0.664N
POLY 1.5	P=0.539	P=0.683	P=0.344	P=0.615N
POLY 6	P=0.390	P=0.664	P=0.360	P=0.706N
LOGISTIC REGRESSION	P=0.507N	P=0.646	P=0.336	P=0.583N
COCH-ARM / FISHERS	P=0.440N	P=0.691N	P=0.339	P=0.508N
ORDER RESTRICTED	P=0.554	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.591	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Testes: Germinal Epithelium
 Degeneration

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	2/49 (4%)
POLY-3 RATE (b)	0/46.09	0/43.70	2/46.62	2/27.94
POLY-3 PERCENT (g)	0%	0%	4.3%	7.2%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	---	---	725	509

STATISTICAL TESTS

LIFE TABLE	P=0.016*	(e)	P=0.258	P=0.103
POLY 3	P=0.032*	(e)	P=0.240	P=0.147
POLY 1.5	P=0.042*	(e)	P=0.238	P=0.171
POLY 6	P=0.029*	(e)	P=0.244	P=0.129
LOGISTIC REGRESSION	P=0.062	(e)	P=0.250	P=0.244
COCH-ARM / FISHERS	P=0.083	(e)	P=0.247	P=0.242
ORDER RESTRICTED	P=0.060	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.049*	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Thymus
 Atrophy**

LESION RATES

OVERALL (a)	18/43 (42%)	23/47 (49%)	16/47 (34%)	9/49 (18%)
POLY-3 RATE (b)	18/40.13	23/44.64	16/46.17	9/28.29
POLY-3 PERCENT (g)	44.9%	51.5%	34.7%	31.8%
TERMINAL (d)	14/33 (42%)	15/34 (44%)	12/42 (29%)	6/14 (43%)
FIRST INCIDENCE	580	446	394	449

STATISTICAL TESTS

LIFE TABLE	P=0.407N	P=0.225	P=0.197N	P=0.441
POLY 3	P=0.083N	P=0.346	P=0.228N	P=0.205N
POLY 1.5	P=0.035N*	P=0.338	P=0.253N	P=0.090N
POLY 6	P=0.141N	P=0.355	P=0.200N	P=0.373N
LOGISTIC REGRESSION	P=0.028N*	P=0.316	P=0.297N	P=0.294N
COCH-ARM / FISHERS	P=0.002N**	P=0.322	P=0.292N	P=0.012N*
ORDER RESTRICTED	P=0.163N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.132N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Thymus
 Cyst**

LESION RATES

OVERALL (a)	25/43 (58%)	19/47 (40%)	26/47 (55%)	23/49 (47%)
POLY-3 RATE (b)	25/39.67	19/43.30	26/44.94	23/36.14
POLY-3 PERCENT (g)	63%	43.9%	57.9%	63.6%
TERMINAL (d)	23/33 (70%)	14/34 (41%)	25/42 (60%)	8/14 (57%)
FIRST INCIDENCE	602	551	527	197

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.140N	P=0.201N	P=0.003**
POLY 3	P=0.329	P=0.059N	P=0.396N	P=0.575
POLY 1.5	P=0.431	P=0.062N	P=0.433N	P=0.483N
POLY 6	P=0.277	P=0.054N	P=0.342N	P=0.489
LOGISTIC REGRESSION	P=0.325	P=0.086N	P=0.377N	P=0.594
COCH-ARM / FISHERS	P=0.328N	P=0.071N	P=0.478N	P=0.194N
ORDER RESTRICTED	P=0.285	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.317	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Thymus
 Ectopic Parathyroid Gland

LESION RATES

OVERALL (a)	2/43 (5%)	1/47 (2%)	1/47 (2%)	0/49 (0%)
POLY-3 RATE (b)	2/39.09	1/41.43	1/44.32	0/27.08
POLY-3 PERCENT (g)	5.1%	2.4%	2.3%	0%
TERMINAL (d)	2/33 (6%)	1/34 (3%)	1/42 (2%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.244N	P=0.490N	P=0.416N	P=0.441N
POLY 3	P=0.178N	P=0.480N	P=0.456N	P=0.328N
POLY 1.5	P=0.166N	P=0.475N	P=0.462N	P=0.284N
POLY 6	P=0.200N	P=0.486N	P=0.446N	P=0.373N
LOGISTIC REGRESSION	P=0.244N	P=0.490N	P=0.416N	(e)
COCH-ARM / FISHERS	P=0.134N	P=0.466N	P=0.466N	P=0.216N
ORDER RESTRICTED	P=0.196N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.271N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Thymus
 Hyperplasia Lymphoid

LESION RATES

OVERALL (a)	0/43 (0%)	0/47 (0%)	0/47 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/39.09	0/41.43	0/44.32	0/27.08
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/34 (0%)	0/42 (0%)	0/14 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Thyroid Gland
 Inflammation Chronic**

LESION RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	1/49 (2%)
POLY-3 RATE (b)	1/46.09	1/44.21	1/46.61	1/27.84
POLY-3 PERCENT (g)	2.2%	2.3%	2.2%	3.6%
TERMINAL (d)	1/40 (3%)	0/35 (0%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	572	728 (T)	455

STATISTICAL TESTS

LIFE TABLE	P=0.454	P=0.738	P=0.746N	P=0.605
POLY 3	P=0.479	P=0.751	P=0.758N	P=0.637
POLY 1.5	P=0.521	P=0.755	P=0.760N	P=0.679
POLY 6	P=0.471	P=0.746	P=0.754N	P=0.596
LOGISTIC REGRESSION	P=0.540N	P=0.747N	P=0.746N	P=0.754N
COCH-ARM / FISHERS	P=0.628	P=0.753N	P=0.753N	P=0.747
ORDER RESTRICTED	P=0.575	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.607	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Thyroid Gland: Follicle
 Cyst**

LESION RATES

OVERALL (a)	5/50 (10%)	2/50 (4%)	1/50 (2%)	1/49 (2%)
POLY-3 RATE (b)	5/46.75	2/44.01	1/46.61	1/27.74
POLY-3 PERCENT (g)	10.7%	4.5%	2.2%	3.6%
TERMINAL (d)	3/40 (8%)	1/35 (3%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	625	643	728 (T)	509

STATISTICAL TESTS

LIFE TABLE	P=0.171N	P=0.268N	P=0.094N	P=0.384N
POLY 3	P=0.082N	P=0.241N	P=0.102N	P=0.272N
POLY 1.5	P=0.078N	P=0.230N	P=0.103N	P=0.205N
POLY 6	P=0.086N	P=0.256N	P=0.100N	P=0.343N
LOGISTIC REGRESSION	P=0.059N	P=0.211N	P=0.103N	P=0.145N
COCH-ARM / FISHERS	P=0.062N	P=0.218N	P=0.102N	P=0.107N
ORDER RESTRICTED	P=0.147N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.130N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Thyroid Gland: Follicle
 Degeneration**

LESION RATES

OVERALL (a)	9/50 (18%)	13/50 (26%)	9/50 (18%)	5/49 (10%)
POLY-3 RATE (b)	9/46.23	13/45.10	9/46.61	5/29.11
POLY-3 PERCENT (g)	19.5%	28.8%	19.3%	17.2%
TERMINAL (d)	8/40 (20%)	9/35 (26%)	9/43 (21%)	2/14 (14%)
FIRST INCIDENCE	692	551	728 (T)	436

STATISTICAL TESTS

LIFE TABLE	P=0.458	P=0.155	P=0.538N	P=0.395
POLY 3	P=0.362N	P=0.211	P=0.596N	P=0.521N
POLY 1.5	P=0.266N	P=0.221	P=0.601N	P=0.408N
POLY 6	P=0.447N	P=0.200	P=0.583N	P=0.603
LOGISTIC REGRESSION	P=0.282N	P=0.203	P=0.556N	P=0.430N
COCH-ARM / FISHERS	P=0.093N	P=0.235	P=0.602N	P=0.205N
ORDER RESTRICTED	P=0.412N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.470N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Thyroid Gland: Follicular Cell
 Hyperplasia**

LESION RATES

OVERALL (a)	17/50 (34%)	8/50 (16%)	13/50 (26%)	6/49 (12%)
POLY-3 RATE (b)	17/47.36	8/44.42	13/46.70	6/28.25
POLY-3 PERCENT (g)	35.9%	18%	27.8%	21.2%
TERMINAL (d)	12/40 (30%)	5/35 (14%)	12/43 (28%)	3/14 (21%)
FIRST INCIDENCE	602	643	703	509

STATISTICAL TESTS

LIFE TABLE	P=0.448N	P=0.081N	P=0.202N	P=0.509N
POLY 3	P=0.158N	P=0.043N*	P=0.269N	P=0.151N
POLY 1.5	P=0.097N	P=0.037N*	P=0.265N	P=0.068N
POLY 6	P=0.223N	P=0.053N	P=0.268N	P=0.272N
LOGISTIC REGRESSION	P=0.178N	P=0.038N*	P=0.247N	P=0.143N
COCH-ARM / FISHERS	P=0.021N*	P=0.032N*	P=0.257N	P=0.009N**
ORDER RESTRICTED	P=0.159N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.237N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Tooth Malformation

LESION RATES

OVERALL (a)	10/12 (83%)	3/7 (43%)	2/4 (50%)	1/1 (100%)
POLY-3 RATE (b)	10/11.51	3/7.00	2/4.00	1/1.00
POLY-3 PERCENT (g)	86.9%	42.9%	50%	100%
TERMINAL (d)	9/10 (90%)	2/6 (33%)	2/4 (50%)	1/1 (100%)
FIRST INCIDENCE	699	629	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.174N	P=0.091N	P=0.094N	P=0.740N
POLY 3	P=0.343N	P=0.052N	P=0.191N	P=0.893
POLY 1.5	P=0.361N	P=0.064N	P=0.217N	P=0.865
POLY 6	P=0.323N	P=0.040N*	P=0.162N	P=0.919
LOGISTIC REGRESSION	P=0.345N	P=0.089N	P=0.143N	P=0.952
COCH-ARM / FISHERS	P=0.386N	P=0.095N	P=0.245N	P=0.846
ORDER RESTRICTED	P=0.575N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.445N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Tooth: Gingiva
 Inflammation Chronic

LESION RATES

OVERALL (a)	2/12 (17%)	0/7 (0%)	0/4 (0%)	0/1 (0%)
POLY-3 RATE (b)	2/11.89	0/6.65	0/4.00	0/1.00
POLY-3 PERCENT (g)	16.8%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/6 (0%)	0/4 (0%)	0/1 (0%)
FIRST INCIDENCE	580	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.217N	P=0.304N	P=0.333N	P=0.551N
POLY 3	P=0.342N	P=0.371N	P=0.498N	P=0.822N
POLY 1.5	P=0.341N	P=0.366N	P=0.499N	P=0.822N
POLY 6	P=0.343N	P=0.378N	P=0.495N	P=0.822N
LOGISTIC REGRESSION	P=0.466N	P=0.360N	P=0.731N	P=0.952N
COCH-ARM / FISHERS	P=0.333N	P=0.386N	P=0.550N	P=0.846N
ORDER RESTRICTED	P=0.626N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.538N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Adrenal Cortex
 Accessory Adrenal Cortical Nodule**

LESION RATES

OVERALL (a)	0/50 (0%)	2/49 (4%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/45.41	2/47.34	1/45.25	0/29.45
POLY-3 PERCENT (g)	0%	4.2%	2.2%	0%
TERMINAL (d)	0/39 (0%)	1/42 (2%)	0/32 (0%)	0/21 (0%)
FIRST INCIDENCE	---	527	555	---

STATISTICAL TESTS

LIFE TABLE	P=0.593N	P=0.255	P=0.504	(e)
POLY 3	P=0.583N	P=0.247	P=0.499	(e)
POLY 1.5	P=0.554N	P=0.242	P=0.501	(e)
POLY 6	P=0.600	P=0.251	P=0.495	(e)
LOGISTIC REGRESSION	P=0.323N	P=0.150	P=0.415	(e)
COCH-ARM / FISHERS	P=0.465N	P=0.242	P=0.500	(e)
ORDER RESTRICTED	P=0.381	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.440	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Adrenal Cortex
 Hypertrophy**

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/45.41	0/46.72	0/44.69	0/29.45
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/21 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Adrenal Cortex: Subcapsular
 Hyperplasia**

LESION RATES

OVERALL (a)	48/50 (96%)	49/49 (100%)	50/50 (100%)	49/49 (100%)
POLY-3 RATE (b)	48/48.84	49/49.00	50/50.00	49/49.00
POLY-3 PERCENT (g)	98.3%	100%	100%	100%
TERMINAL (d)	39/39 (100%)	42/42 (100%)	32/32 (100%)	21/21 (100%)
FIRST INCIDENCE	450	527	475	122

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.370N	P=0.047*	P<0.001**
POLY 3	P=0.353	P=0.578	P=0.574	P=0.578
POLY 1.5	P=0.261	P=0.467	P=0.462	P=0.467
POLY 6	P=0.449	P=0.701	P=0.697	P=0.701
LOGISTIC REGRESSION	P=0.006**	P=0.538	P=0.406	P=0.056
COCH-ARM / FISHERS	P=0.116	P=0.253	P=0.247	P=0.253
ORDER RESTRICTED	P=0.107	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.114	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Adrenal Cortex: Zona Fasciculata
 Hyperplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	1/49 (2%)	2/50 (4%)	1/49 (2%)
POLY-3 RATE (b)	0/45.41	1/46.72	2/44.72	1/29.45
POLY-3 PERCENT (g)	0%	2.1%	4.5%	3.4%
TERMINAL (d)	0/39 (0%)	1/42 (2%)	1/32 (3%)	1/21 (5%)
FIRST INCIDENCE	---	727 (T)	721	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.192	P=0.515	P=0.204	P=0.377
POLY 3	P=0.186	P=0.506	P=0.234	P=0.417
POLY 1.5	P=0.225	P=0.503	P=0.237	P=0.437
POLY 6	P=0.163	P=0.508	P=0.227	P=0.404
LOGISTIC REGRESSION	P=0.202	P=0.515	P=0.212	P=0.377
COCH-ARM / FISHERS	P=0.362	P=0.495	P=0.247	P=0.495
ORDER RESTRICTED	P=0.248	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.300	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Bone
 Fibrous Osteodystrophy**

LESION RATES

OVERALL (a)	3/49 (6%)	3/49 (6%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	3/45.17	3/46.72	1/44.69	4/30.45
POLY-3 PERCENT (g)	6.6%	6.4%	2.2%	13.1%
TERMINAL (d)	3/39 (8%)	3/42 (7%)	1/32 (3%)	4/22 (18%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.164	P=0.629N	P=0.378N	P=0.209
POLY 3	P=0.323	P=0.647N	P=0.309N	P=0.299
POLY 1.5	P=0.349	P=0.650N	P=0.302N	P=0.351
POLY 6	P=0.304	P=0.643N	P=0.321N	P=0.267
LOGISTIC REGRESSION	P=0.164	P=0.629N	P=0.378N	P=0.209
COCH-ARM / FISHERS	P=0.449	P=0.661N	P=0.301N	P=0.511
ORDER RESTRICTED	P=0.159	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.229	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Brain
 Compression**

LESION RATES

OVERALL (a)	0/50 (0%)	1/49 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	1/46.72	2/45.06	0/30.45
POLY-3 PERCENT (g)	0%	2.1%	4.4%	0%
TERMINAL (d)	0/39 (0%)	1/42 (2%)	1/32 (3%)	0/22 (0%)
FIRST INCIDENCE	---	727 (T)	626	---

STATISTICAL TESTS

LIFE TABLE	P=0.568	P=0.515	P=0.220	(e)
POLY 3	P=0.448	P=0.506	P=0.235	(e)
POLY 1.5	P=0.515	P=0.503	P=0.238	(e)
POLY 6	P=0.407	P=0.508	P=0.230	(e)
LOGISTIC REGRESSION	P=0.644	P=0.515	P=0.233	(e)
COCH-ARM / FISHERS	P=0.614N	P=0.495	P=0.247	(e)
ORDER RESTRICTED	P=0.346	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.407	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
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Date Report Reqsted: 11/10/2006
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Brain
 Degeneration**

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	0/46.72	1/44.69	0/30.45
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	1/32 (3%)	0/22 (0%)
FIRST INCIDENCE	---	---	727 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.628	(e)	P=0.461	(e)
POLY 3	P=0.487	(e)	P=0.497	(e)
POLY 1.5	P=0.545	(e)	P=0.500	(e)
POLY 6	P=0.452	(e)	P=0.491	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.461	(e)
COCH-ARM / FISHERS	P=0.695	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.397	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.454	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Eye
 Atrophy

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/44.45	0/46.72	2/45.03	0/30.45
POLY-3 PERCENT (g)	0%	0%	4.4%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	---	673	---

STATISTICAL TESTS

LIFE TABLE	P=0.494	(e)	P=0.224	(e)
POLY 3	P=0.349	(e)	P=0.240	(e)
POLY 1.5	P=0.415	(e)	P=0.242	(e)
POLY 6	P=0.311	(e)	P=0.235	(e)
LOGISTIC REGRESSION	P=0.573	(e)	P=0.240	(e)
COCH-ARM / FISHERS	P=0.600	(e)	P=0.253	(e)
ORDER RESTRICTED	P=0.271	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.336	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Eye: Cornea
 Inflammation Chronic

LESION RATES

OVERALL (a)	1/49 (2%)	0/49 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/44.45	0/46.72	1/45.25	1/30.65
POLY-3 PERCENT (g)	2.3%	0%	2.2%	3.3%
TERMINAL (d)	1/39 (3%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	727 (T)	---	555	675

STATISTICAL TESTS

LIFE TABLE	P=0.406	P=0.485N	P=0.741	P=0.636
POLY 3	P=0.424	P=0.490N	P=0.757N	P=0.670
POLY 1.5	P=0.452	P=0.493N	P=0.755N	P=0.697
POLY 6	P=0.408	P=0.488N	P=0.760	P=0.654
LOGISTIC REGRESSION	P=0.576	(e)	P=0.750	P=0.685
COCH-ARM / FISHERS	P=0.545	P=0.500N	P=0.747N	P=0.747N
ORDER RESTRICTED	P=0.417	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.470	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Gallbladder
 Infiltration Cellular Mononuclear Cell**

LESION RATES

OVERALL (a)	3/50 (6%)	2/48 (4%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	3/45.41	2/45.72	0/44.30	0/30.09
POLY-3 PERCENT (g)	6.6%	4.4%	0%	0%
TERMINAL (d)	3/39 (8%)	2/41 (5%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.078N	P=0.477N	P=0.158N	P=0.238N
POLY 3	P=0.048N*	P=0.497N	P=0.123N	P=0.210N
POLY 1.5	P=0.047N*	P=0.503N	P=0.121N	P=0.185N
POLY 6	P=0.050N*	P=0.492N	P=0.127N	P=0.226N
LOGISTIC REGRESSION	P=0.078N	P=0.477N	(e)	(e)
COCH-ARM / FISHERS	P=0.041N*	P=0.520N	P=0.125N	P=0.129N
ORDER RESTRICTED	P=0.099N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.075N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Harderian Gland
 Hyperplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	2/48 (4%)	4/50 (8%)	2/48 (4%)
POLY-3 RATE (b)	0/45.41	2/46.29	4/44.72	2/30.06
POLY-3 PERCENT (g)	0%	4.3%	8.9%	6.7%
TERMINAL (d)	0/39 (0%)	2/42 (5%)	3/32 (9%)	0/21 (0%)
FIRST INCIDENCE	---	727 (T)	721	448

STATISTICAL TESTS

LIFE TABLE	P=0.074	P=0.255	P=0.044*	P=0.150
POLY 3	P=0.079	P=0.242	P=0.058	P=0.159
POLY 1.5	P=0.104	P=0.237	P=0.060	P=0.174
POLY 6	P=0.066	P=0.245	P=0.055	P=0.151
LOGISTIC REGRESSION	P=0.141	P=0.255	P=0.046*	P=0.251
COCH-ARM / FISHERS	P=0.222	P=0.237	P=0.059	P=0.237
ORDER RESTRICTED	P=0.108	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.125	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Heart
 Cardiomyopathy**

LESION RATES

OVERALL (a)	1/50 (2%)	0/49 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/45.84	0/46.72	1/44.90	0/30.45
POLY-3 PERCENT (g)	2.2%	0%	2.2%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	601	---	673	---

STATISTICAL TESTS

LIFE TABLE	P=0.497N	P=0.496N	P=0.755	P=0.592N
POLY 3	P=0.454N	P=0.496N	P=0.756	P=0.578N
POLY 1.5	P=0.444N	P=0.498N	P=0.759	P=0.558N
POLY 6	P=0.461N	P=0.495N	P=0.749	P=0.591N
LOGISTIC REGRESSION	P=0.345N	P=0.599N	P=0.744	P=0.477N
COCH-ARM / FISHERS	P=0.404N	P=0.505N	P=0.753N	P=0.500N
ORDER RESTRICTED	P=0.344N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.407N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Heart
 Mineralization**

LESION RATES

OVERALL (a)	0/50 (0%)	1/49 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	1/47.15	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	2.1%	0%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	603	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.637N	P=0.509	(e)	(e)
POLY 3	P=0.560N	P=0.508	(e)	(e)
POLY 1.5	P=0.564N	P=0.504	(e)	(e)
POLY 6	P=0.561N	P=0.511	(e)	(e)
LOGISTIC REGRESSION	P=0.492N	P=0.403	(e)	(e)
COCH-ARM / FISHERS	P=0.567N	P=0.495	(e)	(e)
ORDER RESTRICTED	P=0.461N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.510N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Heart: Artery
 Inflammation Chronic

LESION RATES

OVERALL (a)	0/50 (0%)	3/49 (6%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/45.41	3/46.72	2/45.09	1/30.53
POLY-3 PERCENT (g)	0%	6.4%	4.4%	3.3%
TERMINAL (d)	0/39 (0%)	3/42 (7%)	1/32 (3%)	0/22 (0%)
FIRST INCIDENCE	---	727 (T)	615	708

STATISTICAL TESTS

LIFE TABLE	P=0.353	P=0.135	P=0.220	P=0.406
POLY 3	P=0.334	P=0.124	P=0.236	P=0.423
POLY 1.5	P=0.389	P=0.122	P=0.238	P=0.443
POLY 6	P=0.300	P=0.126	P=0.230	P=0.412
LOGISTIC REGRESSION	P=0.426	P=0.135	P=0.230	P=0.416
COCH-ARM / FISHERS	P=0.558	P=0.117	P=0.247	P=0.500
ORDER RESTRICTED	P=0.240	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.307	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Intestine Small, Jejunum
 Inflammation Chronic

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	0/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Intestine Small, Jejunum: Peyer's Patch
 Hyperplasia Lymphoid

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	0/46.72	1/44.69	0/30.45
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	1/32 (3%)	0/22 (0%)
FIRST INCIDENCE	---	---	727 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.628	(e)	P=0.461	(e)
POLY 3	P=0.487	(e)	P=0.497	(e)
POLY 1.5	P=0.545	(e)	P=0.500	(e)
POLY 6	P=0.452	(e)	P=0.491	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.461	(e)
COCH-ARM / FISHERS	P=0.695	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.397	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.454	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Islets, Pancreatic
 Hyperplasia**

LESION RATES

OVERALL (a)	2/50 (4%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/45.41	0/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	2/39 (5%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	727 (T)	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.161N	P=0.222N	P=0.283N	P=0.371N
POLY 3	P=0.093N	P=0.231N	P=0.241N	P=0.336N
POLY 1.5	P=0.100N	P=0.234N	P=0.238N	P=0.308N
POLY 6	P=0.089N	P=0.228N	P=0.247N	P=0.353N
LOGISTIC REGRESSION	P=0.161N	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.114N	P=0.253N	P=0.247N	P=0.247N
ORDER RESTRICTED	P=0.084N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.140N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Kidney
 Infarct**

LESION RATES

OVERALL (a)	0/50 (0%)	4/49 (8%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	4/46.72	1/44.80	0/30.45
POLY-3 PERCENT (g)	0%	8.6%	2.2%	0%
TERMINAL (d)	0/39 (0%)	4/42 (10%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	727 (T)	700	---

STATISTICAL TESTS

LIFE TABLE	P=0.470N	P=0.073	P=0.474	(e)
POLY 3	P=0.439N	P=0.064	P=0.497	(e)
POLY 1.5	P=0.399N	P=0.062	P=0.500	(e)
POLY 6	P=0.469N	P=0.065	P=0.492	(e)
LOGISTIC REGRESSION	P=0.439N	P=0.073	P=0.500	(e)
COCH-ARM / FISHERS	P=0.295N	P=0.056	P=0.500	(e)
ORDER RESTRICTED	P=0.248N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.316N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Kidney
 Metaplasia Osseous**

LESION RATES

OVERALL (a)	2/50 (4%)	2/49 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.41	2/46.72	1/44.69	0/30.45
POLY-3 PERCENT (g)	4.4%	4.3%	2.2%	0%
TERMINAL (d)	2/39 (5%)	2/42 (5%)	1/32 (3%)	0/22 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.230N	P=0.668N	P=0.569N	P=0.371N
POLY 3	P=0.183N	P=0.683N	P=0.506N	P=0.336N
POLY 1.5	P=0.168N	P=0.688N	P=0.501N	P=0.308N
POLY 6	P=0.195N	P=0.679N	P=0.516N	P=0.353N
LOGISTIC REGRESSION	P=0.230N	P=0.668N	P=0.569N	(e)
COCH-ARM / FISHERS	P=0.125N	P=0.684	P=0.500N	P=0.247N
ORDER RESTRICTED	P=0.249N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.296N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Kidney
 Mineralization**

LESION RATES

OVERALL (a)	13/50 (26%)	3/49 (6%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	13/46.11	3/47.41	5/45.23	2/30.45
POLY-3 PERCENT (g)	28.2%	6.3%	11.1%	6.6%
TERMINAL (d)	11/39 (28%)	1/42 (2%)	1/32 (3%)	2/22 (9%)
FIRST INCIDENCE	601	549	654	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.033N*	P=0.006N**	P=0.082N	P=0.041N*
POLY 3	P=0.010N**	P=0.004N**	P=0.034N*	P=0.023N*
POLY 1.5	P=0.007N**	P=0.005N**	P=0.032N*	P=0.012N*
POLY 6	P=0.012N*	P=0.004N**	P=0.039N*	P=0.034N*
LOGISTIC REGRESSION	P=0.010N**	P=0.008N**	P=0.035N*	P=0.023N*
COCH-ARM / FISHERS	P=0.003N**	P=0.007N**	P=0.033N*	P=0.002N**
ORDER RESTRICTED	P=0.007N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.015N*	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Kidney
 Nephropathy**

LESION RATES

OVERALL (a)	32/50 (64%)	42/49 (86%)	33/50 (66%)	26/50 (52%)
POLY-3 RATE (b)	32/47.52	42/48.00	33/47.34	26/41.43
POLY-3 PERCENT (g)	67.3%	87.5%	69.7%	62.8%
TERMINAL (d)	25/39 (64%)	39/42 (93%)	23/32 (72%)	9/22 (41%)
FIRST INCIDENCE	450	527	475	122

STATISTICAL TESTS

LIFE TABLE	P=0.073	P=0.092	P=0.177	P=0.140
POLY 3	P=0.140N	P=0.014*	P=0.489	P=0.409N
POLY 1.5	P=0.089N	P=0.014*	P=0.512	P=0.330N
POLY 6	P=0.171N	P=0.011*	P=0.437	P=0.447N
LOGISTIC REGRESSION	P=0.074N	P=0.021*	P=0.502	P=0.183N
COCH-ARM / FISHERS	P=0.020N*	P=0.011*	P=0.500	P=0.156N
ORDER RESTRICTED	P=0.087N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.111N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
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 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Kidney: Artery
 Inflammation Chronic**

LESION RATES

OVERALL (a)	0/50 (0%)	1/49 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	1/46.72	1/45.09	0/30.45
POLY-3 PERCENT (g)	0%	2.1%	2.2%	0%
TERMINAL (d)	0/39 (0%)	1/42 (2%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	727 (T)	615	---

STATISTICAL TESTS

LIFE TABLE	P=0.694	P=0.515	P=0.504	(e)
POLY 3	P=0.584	P=0.506	P=0.499	(e)
POLY 1.5	P=0.637	P=0.503	P=0.501	(e)
POLY 6	P=0.549	P=0.508	P=0.494	(e)
LOGISTIC REGRESSION	P=0.616N	P=0.515	P=0.463	(e)
COCH-ARM / FISHERS	P=0.594N	P=0.495	P=0.500	(e)
ORDER RESTRICTED	P=0.442	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.493	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Kidney: Renal Tubule
 Cyst**

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/45.41	0/46.72	0/44.69	1/30.45
POLY-3 PERCENT (g)	0%	0%	0%	3.3%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	1/22 (5%)
FIRST INCIDENCE	---	---	---	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.122	(e)	(e)	P=0.386
POLY 3	P=0.156	(e)	(e)	P=0.423
POLY 1.5	P=0.166	(e)	(e)	P=0.443
POLY 6	P=0.151	(e)	(e)	P=0.411
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.386
COCH-ARM / FISHERS	P=0.200	(e)	(e)	P=0.500
ORDER RESTRICTED	P=0.072	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.125	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Basophilic Focus

LESION RATES

OVERALL (a)	0/50 (0%)	6/49 (12%)	5/50 (10%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	6/47.29	5/45.19	0/30.45
POLY-3 PERCENT (g)	0%	12.7%	11.1%	0%
TERMINAL (d)	0/39 (0%)	5/42 (12%)	3/32 (9%)	0/22 (0%)
FIRST INCIDENCE	---	549	649	---

STATISTICAL TESTS

LIFE TABLE	P=0.590N	P=0.023*	P=0.025*	(e)
POLY 3	P=0.486	P=0.018*	P=0.030*	(e)
POLY 1.5	P=0.550N	P=0.017*	P=0.031*	(e)
POLY 6	P=0.421	P=0.019*	P=0.028*	(e)
LOGISTIC REGRESSION	P=0.452N	P=0.014*	P=0.033*	(e)
COCH-ARM / FISHERS	P=0.316N	P=0.012*	P=0.028*	(e)
ORDER RESTRICTED	P=0.115	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.178	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Clear Cell Focus

LESION RATES

OVERALL (a)	1/50 (2%)	1/49 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.45	1/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	2.2%	2.1%	0%	0%
TERMINAL (d)	0/39 (0%)	1/42 (2%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	716	727 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.320N	P=0.747N	P=0.532N	P=0.610N
POLY 3	P=0.236N	P=0.754N	P=0.503N	P=0.577N
POLY 1.5	P=0.238N	P=0.757N	P=0.500N	P=0.557N
POLY 6	P=0.237N	P=0.752N	P=0.509N	P=0.589N
LOGISTIC REGRESSION	P=0.302N	P=0.754N	P=0.508N	P=0.592N
COCH-ARM / FISHERS	P=0.235N	P=0.747	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.342N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.379N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Eosinophilic Focus

LESION RATES

OVERALL (a)	6/50 (12%)	14/49 (29%)	6/50 (12%)	3/50 (6%)
POLY-3 RATE (b)	6/45.41	14/47.41	6/44.69	3/30.45
POLY-3 PERCENT (g)	13.2%	29.5%	13.4%	9.9%
TERMINAL (d)	6/39 (15%)	12/42 (29%)	6/32 (19%)	3/22 (14%)
FIRST INCIDENCE	727 (T)	549	727 (T)	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.336N	P=0.059	P=0.477	P=0.575N
POLY 3	P=0.228N	P=0.047*	P=0.610	P=0.469N
POLY 1.5	P=0.166N	P=0.042*	P=0.619	P=0.405N
POLY 6	P=0.280N	P=0.051	P=0.590	P=0.510N
LOGISTIC REGRESSION	P=0.247N	P=0.045*	P=0.477	P=0.575N
COCH-ARM / FISHERS	P=0.054N	P=0.035*	P=0.620N	P=0.243N
ORDER RESTRICTED	P=0.170N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.240N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Hematopoietic Cell Proliferation

LESION RATES

OVERALL (a)	1/50 (2%)	2/49 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/45.41	2/47.91	1/44.71	0/30.45
POLY-3 PERCENT (g)	2.2%	4.2%	2.2%	0%
TERMINAL (d)	1/39 (3%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	727 (T)	527	722	---

STATISTICAL TESTS

LIFE TABLE	P=0.367N	P=0.521	P=0.719	P=0.614N
POLY 3	P=0.338N	P=0.519	P=0.757	P=0.577N
POLY 1.5	P=0.315N	P=0.510	P=0.760	P=0.557N
POLY 6	P=0.357N	P=0.526	P=0.751	P=0.589N
LOGISTIC REGRESSION	P=0.164N	P=0.331	P=0.738	(e)
COCH-ARM / FISHERS	P=0.246N	P=0.492	P=0.753N	P=0.500N
ORDER RESTRICTED	P=0.328N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.392N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Infarct

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	0/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Infiltration Cellular Mononuclear Cell

LESION RATES

OVERALL (a)	32/50 (64%)	45/49 (92%)	34/50 (68%)	27/50 (54%)
POLY-3 RATE (b)	32/47.24	45/47.56	34/46.68	27/33.03
POLY-3 PERCENT (g)	67.7%	94.6%	72.8%	81.8%
TERMINAL (d)	29/39 (74%)	42/42 (100%)	25/32 (78%)	21/22 (96%)
FIRST INCIDENCE	450	527	555	448

STATISTICAL TESTS

LIFE TABLE	P=0.007**	P=0.008**	P=0.092	P=0.008**
POLY 3	P=0.262	P<0.001**	P=0.373	P=0.119
POLY 1.5	P=0.522N	P<0.001**	P=0.404	P=0.315
POLY 6	P=0.120	P<0.001**	P=0.328	P=0.051
LOGISTIC REGRESSION	P=0.160	P=0.002**	P=0.402	P=0.100
COCH-ARM / FISHERS	P=0.019N*	P<0.001**	P=0.417	P=0.208N
ORDER RESTRICTED	P=0.062	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.109	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Inflammation Chronic

LESION RATES

OVERALL (a)	40/50 (80%)	45/49 (92%)	41/50 (82%)	36/50 (72%)
POLY-3 RATE (b)	40/47.40	45/47.56	41/48.03	36/41.02
POLY-3 PERCENT (g)	84.4%	94.6%	85.4%	87.8%
TERMINAL (d)	35/39 (90%)	42/42 (100%)	28/32 (88%)	20/22 (91%)
FIRST INCIDENCE	450	527	475	181

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.387	P=0.090	P=0.003**
POLY 3	P=0.553	P=0.078	P=0.563	P=0.437
POLY 1.5	P=0.425N	P=0.087	P=0.556	P=0.561
POLY 6	P=0.508	P=0.060	P=0.564	P=0.393
LOGISTIC REGRESSION	P=0.296	P=0.177	P=0.522	P=0.353
COCH-ARM / FISHERS	P=0.068N	P=0.080	P=0.500	P=0.241N
ORDER RESTRICTED	P=0.358	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.387	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Mineralization

LESION RATES

OVERALL (a)	0/50 (0%)	1/49 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	1/46.93	1/44.69	0/30.45
POLY-3 PERCENT (g)	0%	2.1%	2.2%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	1/32 (3%)	0/22 (0%)
FIRST INCIDENCE	---	671	727 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.687	P=0.509	P=0.461	(e)
POLY 3	P=0.584	P=0.507	P=0.497	(e)
POLY 1.5	P=0.637	P=0.503	P=0.500	(e)
POLY 6	P=0.550	P=0.510	P=0.491	(e)
LOGISTIC REGRESSION	P=0.666N	P=0.469	P=0.461	(e)
COCH-ARM / FISHERS	P=0.594N	P=0.495	P=0.500	(e)
ORDER RESTRICTED	P=0.442	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.493	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver
 Mixed Cell Focus

LESION RATES

OVERALL (a)	4/50 (8%)	5/49 (10%)	6/50 (12%)	0/50 (0%)
POLY-3 RATE (b)	4/45.41	5/46.72	6/44.90	0/30.45
POLY-3 PERCENT (g)	8.8%	10.7%	13.4%	0%
TERMINAL (d)	4/39 (10%)	5/42 (12%)	5/32 (16%)	0/22 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	673	---

STATISTICAL TESTS

LIFE TABLE	P=0.233N	P=0.547	P=0.261	P=0.157N
POLY 3	P=0.228N	P=0.518	P=0.362	P=0.131N
POLY 1.5	P=0.174N	P=0.509	P=0.370	P=0.108N
POLY 6	P=0.269N	P=0.525	P=0.346	P=0.147N
LOGISTIC REGRESSION	P=0.196N	P=0.547	P=0.319	(e)
COCH-ARM / FISHERS	P=0.066N	P=0.487	P=0.370	P=0.059N
ORDER RESTRICTED	P=0.101N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.162N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver: Hepatocyte
 Necrosis

LESION RATES

OVERALL (a)	2/50 (4%)	0/49 (0%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	2/45.82	0/46.72	3/45.80	1/30.49
POLY-3 PERCENT (g)	4.4%	0%	6.6%	3.3%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	623	---	496	718

STATISTICAL TESTS

LIFE TABLE	P=0.493	P=0.232N	P=0.480	P=0.675N
POLY 3	P=0.460	P=0.233N	P=0.500	P=0.635N
POLY 1.5	P=0.513	P=0.235N	P=0.503	P=0.601N
POLY 6	P=0.428	P=0.232N	P=0.490	P=0.657N
LOGISTIC REGRESSION	P=0.509N	P=0.266N	P=0.453	P=0.607N
COCH-ARM / FISHERS	P=0.553N	P=0.253N	P=0.500	P=0.500N
ORDER RESTRICTED	P=0.408	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.465	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver: Hepatocyte
 Tension Lipidosis

LESION RATES

OVERALL (a)	5/50 (10%)	4/49 (8%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	5/45.41	4/46.72	2/44.69	0/30.45
POLY-3 PERCENT (g)	11%	8.6%	4.5%	0%
TERMINAL (d)	5/39 (13%)	4/42 (10%)	2/32 (6%)	0/22 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.056N	P=0.453N	P=0.301N	P=0.104N
POLY 3	P=0.039N*	P=0.482N	P=0.222N	P=0.084N
POLY 1.5	P=0.031N*	P=0.491N	P=0.217N	P=0.065N
POLY 6	P=0.045N*	P=0.475N	P=0.234N	P=0.097N
LOGISTIC REGRESSION	P=0.056N	P=0.453N	P=0.301N	(e)
COCH-ARM / FISHERS	P=0.016N*	P=0.513N	P=0.218N	P=0.028N*
ORDER RESTRICTED	P=0.060N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.060N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Liver: Hepatocyte
 Vacuolization Cytoplasmic

LESION RATES

OVERALL (a)	34/50 (68%)	41/49 (84%)	34/50 (68%)	28/50 (56%)
POLY-3 RATE (b)	34/46.37	41/47.84	34/46.06	28/36.67
POLY-3 PERCENT (g)	73.3%	85.7%	73.8%	76.4%
TERMINAL (d)	30/39 (77%)	38/42 (91%)	29/32 (91%)	20/22 (91%)
FIRST INCIDENCE	601	549	555	199

STATISTICAL TESTS

LIFE TABLE	P=0.005**	P=0.215	P=0.123	P=0.023*
POLY 3	P=0.495N	P=0.100	P=0.576	P=0.474
POLY 1.5	P=0.291N	P=0.085	P=0.582N	P=0.540N
POLY 6	P=0.408	P=0.110	P=0.503	P=0.330
LOGISTIC REGRESSION	P=0.407	P=0.111	P=0.499	P=0.428
COCH-ARM / FISHERS	P=0.030N*	P=0.056	P=0.585N	P=0.151N
ORDER RESTRICTED	P=0.427	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.465	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Lung
 Inflammation Chronic**

LESION RATES

OVERALL (a)	3/50 (6%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/45.41	0/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	6.6%	0%	0%	0%
TERMINAL (d)	3/39 (8%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	727 (T)	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.075N	P=0.108N	P=0.158N	P=0.238N
POLY 3	P=0.037N*	P=0.114N	P=0.121N	P=0.207N
POLY 1.5	P=0.040N*	P=0.116N	P=0.119N	P=0.181N
POLY 6	P=0.036N*	P=0.112N	P=0.127N	P=0.226N
LOGISTIC REGRESSION	P=0.075N	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.047N*	P=0.125N	P=0.121N	P=0.121N
ORDER RESTRICTED	P=0.033N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.058N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Lung
 Mineralization**

LESION RATES

OVERALL (a)	2/50 (4%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/45.41	0/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	2/39 (5%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	727 (T)	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.161N	P=0.222N	P=0.283N	P=0.371N
POLY 3	P=0.093N	P=0.231N	P=0.241N	P=0.336N
POLY 1.5	P=0.100N	P=0.234N	P=0.238N	P=0.308N
POLY 6	P=0.089N	P=0.228N	P=0.247N	P=0.353N
LOGISTIC REGRESSION	P=0.161N	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.114N	P=0.253N	P=0.247N	P=0.247N
ORDER RESTRICTED	P=0.084N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.140N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Lung: Alveolar Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	5/49 (10%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/45.41	5/46.72	0/44.69	2/31.29
POLY-3 PERCENT (g)	0%	10.7%	0%	6.4%
TERMINAL (d)	0/39 (0%)	5/42 (12%)	0/32 (0%)	1/22 (5%)
FIRST INCIDENCE	---	727 (T)	---	399

STATISTICAL TESTS

LIFE TABLE	P=0.309	P=0.040*	(e)	P=0.157
POLY 3	P=0.381	P=0.033*	(e)	P=0.166
POLY 1.5	P=0.416	P=0.032*	(e)	P=0.182
POLY 6	P=0.355	P=0.034*	(e)	P=0.157
LOGISTIC REGRESSION	P=0.471	P=0.040*	(e)	P=0.277
COCH-ARM / FISHERS	P=0.528	P=0.027*	(e)	P=0.247
ORDER RESTRICTED	P=0.151	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.216	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Lung: Alveolus
 Infiltration Cellular Histiocyte**

LESION RATES

OVERALL (a)	0/50 (0%)	3/49 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	3/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	6.4%	0%	0%
TERMINAL (d)	0/39 (0%)	3/42 (7%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	727 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.447N	P=0.135	(e)	(e)
POLY 3	P=0.380N	P=0.124	(e)	(e)
POLY 1.5	P=0.361N	P=0.122	(e)	(e)
POLY 6	P=0.397N	P=0.126	(e)	(e)
LOGISTIC REGRESSION	(e)	P=0.135	(e)	(e)
COCH-ARM / FISHERS	P=0.311N	P=0.117	(e)	(e)
ORDER RESTRICTED	P=0.263N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.330N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Lymph Node, Mandibular
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	3/49 (6%)	9/49 (18%)	2/46 (4%)	2/43 (5%)
POLY-3 RATE (b)	3/44.60	9/46.72	2/41.16	2/28.93
POLY-3 PERCENT (g)	6.7%	19.3%	4.9%	6.9%
TERMINAL (d)	3/39 (8%)	9/42 (21%)	1/31 (3%)	1/22 (5%)
FIRST INCIDENCE	727 (T)	727 (T)	721	708

STATISTICAL TESTS

LIFE TABLE	P=0.424N	P=0.078	P=0.595N	P=0.622
POLY 3	P=0.327N	P=0.070	P=0.537N	P=0.665
POLY 1.5	P=0.288N	P=0.067	P=0.530N	P=0.653N
POLY 6	P=0.360N	P=0.072	P=0.549N	P=0.642
LOGISTIC REGRESSION	P=0.403N	P=0.078	P=0.583N	P=0.636
COCH-ARM / FISHERS	P=0.196N	P=0.060	P=0.530N	P=0.562N
ORDER RESTRICTED	P=0.267N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.322N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Lymph Node, Mesenteric
 Hyperplasia Lymphoid

LESION RATES

OVERALL (a)	6/49 (12%)	1/48 (2%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	6/44.41	1/46.34	0/43.69	0/29.45
POLY-3 PERCENT (g)	13.5%	2.2%	0%	0%
TERMINAL (d)	6/38 (16%)	1/42 (2%)	0/31 (0%)	0/21 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.010N**	P=0.043N*	P=0.031N*	P=0.072N
POLY 3	P=0.003N**	P=0.049N*	P=0.016N*	P=0.054N
POLY 1.5	P=0.003N**	P=0.052N	P=0.015N*	P=0.040N*
POLY 6	P=0.003N**	P=0.047N*	P=0.017N*	P=0.066N
LOGISTIC REGRESSION	P=0.010N**	P=0.043N*	(e)	(e)
COCH-ARM / FISHERS	P=0.004N**	P=0.059N	P=0.013N*	P=0.013N*
ORDER RESTRICTED	P=0.005N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.005N**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Lymph Node: Mediastinal
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	6/10 (60%)	1/7 (14%)	0/3 (0%)	1/3 (33%)
POLY-3 RATE (b)	6/8.94	1/6.13	0/2.32	1/2.96
POLY-3 PERCENT (g)	67.1%	16.3%	0%	33.8%
TERMINAL (d)	6/8 (75%)	1/4 (25%)	0/0 (0%)	0/1 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	---	708

STATISTICAL TESTS

LIFE TABLE	P=0.534N	P=0.161N	P=1.000N	P=0.748N
POLY 3	P=0.176N	P=0.059N	P=0.120N	P=0.368N
POLY 1.5	P=0.173N	P=0.062N	P=0.106N	P=0.399N
POLY 6	P=0.188N	P=0.064N	P=0.179N	P=0.336N
LOGISTIC REGRESSION	P=0.300N	P=0.161N	(e)	P=0.376N
COCH-ARM / FISHERS	P=0.185N	P=0.082N	P=0.122N	P=0.437N
ORDER RESTRICTED	P=0.131N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.125N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Mesentery: Fat
 Fibrosis

LESION RATES

OVERALL (a)	9/12 (75%)	4/7 (57%)	3/6 (50%)	0/1 (0%)
POLY-3 RATE (b)	9/11.31	4/6.36	3/5.78	0/0.92
POLY-3 PERCENT (g)	79.6%	62.9%	51.9%	0%
TERMINAL (d)	8/10 (80%)	4/5 (80%)	3/4 (75%)	0/0 (0%)
FIRST INCIDENCE	450	727 (T)	727 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.349N	P=0.500N	P=0.435N	P=0.598N
POLY 3	P=0.083N	P=0.420N	P=0.263N	P=0.319N
POLY 1.5	P=0.090N	P=0.396N	P=0.273N	P=0.315N
POLY 6	P=0.083N	P=0.484N	P=0.270N	P=0.351N
LOGISTIC REGRESSION	P=0.069N	P=0.328N	P=0.248N	P=0.313N
COCH-ARM / FISHERS	P=0.105N	P=0.378N	P=0.294N	P=0.308N
ORDER RESTRICTED	P=0.414N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.131N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Mesentery: Fat
 Inflammation Chronic

LESION RATES

OVERALL (a)	6/12 (50%)	5/7 (71%)	3/6 (50%)	0/1 (0%)
POLY-3 RATE (b)	6/11.31	5/6.36	3/5.78	0/0.92
POLY-3 PERCENT (g)	53%	78.7%	51.9%	0%
TERMINAL (d)	5/10 (50%)	5/5 (100%)	3/4 (75%)	0/0 (0%)
FIRST INCIDENCE	450	727 (T)	727 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.574	P=0.257	P=0.612	P=0.598N
POLY 3	P=0.431N	P=0.289	P=0.673N	P=0.539N
POLY 1.5	P=0.430N	P=0.316	P=0.673N	P=0.532N
POLY 6	P=0.454N	P=0.239	P=0.684N	P=0.559N
LOGISTIC REGRESSION	P=0.391N	P=0.357	P=0.692N	P=0.537N
COCH-ARM / FISHERS	P=0.441N	P=0.337	P=0.690N	P=0.538N
ORDER RESTRICTED	P=0.503N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.321N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Mesentery: Fat
 Mineralization

LESION RATES

OVERALL (a)	6/12 (50%)	3/7 (43%)	1/6 (17%)	0/1 (0%)
POLY-3 RATE (b)	6/10.55	3/6.57	1/5.78	0/0.92
POLY-3 PERCENT (g)	56.9%	45.7%	17.3%	0%
TERMINAL (d)	6/10 (60%)	2/5 (40%)	1/4 (25%)	0/0 (0%)
FIRST INCIDENCE	727 (T)	671	727 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.232N	P=0.619N	P=0.284N	P=1.000N
POLY 3	P=0.096N	P=0.518N	P=0.143N	P=0.515N
POLY 1.5	P=0.108N	P=0.532N	P=0.159N	P=0.517N
POLY 6	P=0.090N	P=0.518N	P=0.137N	P=0.531N
LOGISTIC REGRESSION	P=0.102N	P=0.568N	P=0.284N	(e)
COCH-ARM / FISHERS	P=0.129N	P=0.570N	P=0.199N	P=0.538N
ORDER RESTRICTED	P=0.520N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.153N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Mesentery: Fat
 Necrosis

LESION RATES

OVERALL (a)	9/12 (75%)	4/7 (57%)	3/6 (50%)	0/1 (0%)
POLY-3 RATE (b)	9/11.31	4/6.36	3/5.78	0/0.92
POLY-3 PERCENT (g)	79.6%	62.9%	51.9%	0%
TERMINAL (d)	8/10 (80%)	4/5 (80%)	3/4 (75%)	0/0 (0%)
FIRST INCIDENCE	450	727 (T)	727 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.349N	P=0.500N	P=0.435N	P=0.598N
POLY 3	P=0.083N	P=0.420N	P=0.263N	P=0.319N
POLY 1.5	P=0.090N	P=0.396N	P=0.273N	P=0.315N
POLY 6	P=0.083N	P=0.484N	P=0.270N	P=0.351N
LOGISTIC REGRESSION	P=0.069N	P=0.328N	P=0.248N	P=0.313N
COCH-ARM / FISHERS	P=0.105N	P=0.378N	P=0.294N	P=0.308N
ORDER RESTRICTED	P=0.414N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.131N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Nose
 Edema

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.17	0/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Nose
 Inflammation Chronic**

LESION RATES

OVERALL (a)	0/49 (0%)	1/49 (2%)	14/50 (28%)	41/50 (82%)
POLY-3 RATE (b)	0/45.17	1/46.72	14/45.34	41/44.11
POLY-3 PERCENT (g)	0%	2.1%	30.9%	93%
TERMINAL (d)	0/39 (0%)	1/42 (2%)	10/32 (31%)	19/22 (86%)
FIRST INCIDENCE	---	727 (T)	626	206

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.515	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.507	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.505	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.508	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.515	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Nose: Glands
 Dilatation

LESION RATES

OVERALL (a)	12/49 (24%)	36/49 (73%)	48/50 (96%)	47/50 (94%)
POLY-3 RATE (b)	12/46.14	36/48.66	48/49.80	47/47.05
POLY-3 PERCENT (g)	26%	74%	96.4%	99.9%
TERMINAL (d)	11/39 (28%)	31/42 (74%)	31/32 (97%)	22/22 (100%)
FIRST INCIDENCE	230	527	475	181

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Nose: Glands
 Hyperplasia**

LESION RATES

OVERALL (a)	0/49 (0%)	7/49 (14%)	42/50 (84%)	43/50 (86%)
POLY-3 RATE (b)	0/45.17	7/46.81	42/47.26	43/44.11
POLY-3 PERCENT (g)	0%	15%	88.9%	97.5%
TERMINAL (d)	0/39 (0%)	6/42 (14%)	31/32 (97%)	21/22 (96%)
FIRST INCIDENCE	---	703	475	206

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.013*	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.009**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.008**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.009**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.011*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.006**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Nose: Glands
 Inflammation Chronic**

LESION RATES

OVERALL (a)	1/49 (2%)	6/49 (12%)	21/50 (42%)	38/50 (76%)
POLY-3 RATE (b)	1/46.14	6/46.72	21/45.06	38/39.35
POLY-3 PERCENT (g)	2.2%	12.8%	46.6%	96.6%
TERMINAL (d)	0/39 (0%)	6/42 (14%)	18/32 (56%)	22/22 (100%)
FIRST INCIDENCE	230	727 (T)	693	399

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.070	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.058	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.057	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.059	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.029*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.056	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Nose: Nasolacrimal Duct
 Inflammation**

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	0/45.17	0/46.72	2/45.46	3/30.98
POLY-3 PERCENT (g)	0%	0%	4.4%	9.7%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	---	555	659

STATISTICAL TESTS

LIFE TABLE	P=0.007**	(e)	P=0.237	P=0.054
POLY 3	P=0.011*	(e)	P=0.239	P=0.067
POLY 1.5	P=0.014*	(e)	P=0.241	P=0.078
POLY 6	P=0.010**	(e)	P=0.234	P=0.062
LOGISTIC REGRESSION	P=0.022*	(e)	P=0.202	P=0.070
COCH-ARM / FISHERS	P=0.029*	(e)	P=0.253	P=0.125
ORDER RESTRICTED	P=0.015*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.016*	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Nose: Olfactory Epithelium
 Accumulation, Hyaline Droplet

LESION RATES

OVERALL (a)	1/49 (2%)	1/49 (2%)	27/50 (54%)	25/50 (50%)
POLY-3 RATE (b)	1/45.17	1/46.72	27/46.43	25/36.00
POLY-3 PERCENT (g)	2.2%	2.1%	58.2%	69.4%
TERMINAL (d)	1/39 (3%)	1/42 (2%)	20/32 (63%)	15/22 (68%)
FIRST INCIDENCE	727 (T)	727 (T)	496	230

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.745N	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.753N	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.755N	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.751N	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.745N	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.753N	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Nose: Olfactory Epithelium
 Degeneration**

LESION RATES

OVERALL (a)	2/49 (4%)	1/49 (2%)	34/50 (68%)	24/50 (48%)
POLY-3 RATE (b)	2/45.28	1/46.72	34/48.71	24/46.61
POLY-3 PERCENT (g)	4.4%	2.1%	69.8%	51.5%
TERMINAL (d)	1/39 (3%)	1/42 (2%)	20/32 (63%)	3/22 (14%)
FIRST INCIDENCE	700	727 (T)	475	122

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.477N	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.489N	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.492N	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.487N	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.488N	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500N	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Nose: Olfactory Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	8/50 (16%)	24/50 (48%)
POLY-3 RATE (b)	0/45.17	0/46.72	8/44.80	24/41.47
POLY-3 PERCENT (g)	0%	0%	17.9%	57.9%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	7/32 (22%)	7/22 (32%)
FIRST INCIDENCE	---	---	700	181

STATISTICAL TESTS

LIFE TABLE	P<0.001**	(e)	P=0.002**	P<0.001**
POLY 3	P<0.001**	(e)	P=0.003**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.004**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.003**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	(e)	P=0.003**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.003**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Nose: Olfactory Epithelium
 Metaplasia**

LESION RATES

OVERALL (a)	1/49 (2%)	5/49 (10%)	30/50 (60%)	40/50 (80%)
POLY-3 RATE (b)	1/45.17	5/46.81	30/45.76	40/40.27
POLY-3 PERCENT (g)	2.2%	10.7%	65.6%	99.3%
TERMINAL (d)	1/39 (3%)	4/42 (10%)	23/32 (72%)	22/22 (100%)
FIRST INCIDENCE	727 (T)	703	654	359

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.123	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.110	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.108	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.112	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.113	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.102	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Nose: Respiratory Epithelium
 Accumulation, Hyaline Droplet

LESION RATES

OVERALL (a)	4/49 (8%)	4/49 (8%)	36/50 (72%)	27/50 (54%)
POLY-3 RATE (b)	4/45.17	4/46.72	36/47.96	27/40.63
POLY-3 PERCENT (g)	8.9%	8.6%	75.1%	66.5%
TERMINAL (d)	4/39 (10%)	4/42 (10%)	23/32 (72%)	12/22 (55%)
FIRST INCIDENCE	727 (T)	727 (T)	496	211

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.603N	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.624N	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.629N	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.620N	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.603N	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.643N	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Ovary
 Atrophy**

LESION RATES

OVERALL (a)	12/50 (24%)	5/48 (10%)	14/49 (29%)	20/48 (42%)
POLY-3 RATE (b)	12/45.72	5/46.16	14/44.26	20/30.11
POLY-3 PERCENT (g)	26.3%	10.8%	31.6%	66.4%
TERMINAL (d)	10/39 (26%)	4/42 (10%)	10/31 (32%)	16/21 (76%)
FIRST INCIDENCE	677	667	673	621

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.043N*	P=0.211	P<0.001**
POLY 3	P<0.001**	P=0.049N*	P=0.370	P<0.001**
POLY 1.5	P<0.001**	P=0.053N	P=0.385	P=0.002**
POLY 6	P<0.001**	P=0.046N*	P=0.341	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P=0.050N*	P=0.324	P<0.001**
COCH-ARM / FISHERS	P=0.005**	P=0.065N	P=0.387	P=0.049*
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Ovary
 Cyst

LESION RATES

OVERALL (a)	11/50 (22%)	15/48 (31%)	19/49 (39%)	11/48 (23%)
POLY-3 RATE (b)	11/46.08	15/47.22	19/44.65	11/30.78
POLY-3 PERCENT (g)	23.9%	31.8%	42.6%	35.7%
TERMINAL (d)	9/39 (23%)	12/42 (29%)	16/31 (52%)	8/21 (38%)
FIRST INCIDENCE	521	527	615	448

STATISTICAL TESTS

LIFE TABLE	P=0.033*	P=0.323	P=0.015*	P=0.096
POLY 3	P=0.094	P=0.268	P=0.045*	P=0.199
POLY 1.5	P=0.164	P=0.249	P=0.050*	P=0.273
POLY 6	P=0.061	P=0.289	P=0.036*	P=0.160
LOGISTIC REGRESSION	P=0.160	P=0.204	P=0.047*	P=0.217
COCH-ARM / FISHERS	P=0.540N	P=0.210	P=0.055	P=0.553
ORDER RESTRICTED	P=0.138	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.149	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Ovary
 Mineralization**

LESION RATES

OVERALL (a)	2/50 (4%)	1/48 (2%)	0/49 (0%)	1/48 (2%)
POLY-3 RATE (b)	2/45.41	1/46.50	0/43.69	1/30.08
POLY-3 PERCENT (g)	4.4%	2.2%	0%	3.3%
TERMINAL (d)	2/39 (5%)	0/42 (0%)	0/31 (0%)	0/21 (0%)
FIRST INCIDENCE	727 (T)	549	---	399

STATISTICAL TESTS

LIFE TABLE	P=0.504N	P=0.478N	P=0.290N	P=0.666N
POLY 3	P=0.376N	P=0.492N	P=0.246N	P=0.637N
POLY 1.5	P=0.380N	P=0.499N	P=0.242N	P=0.608N
POLY 6	P=0.379N	P=0.485N	P=0.253N	P=0.654N
LOGISTIC REGRESSION	P=0.215N	P=0.568N	(e)	P=0.503N
COCH-ARM / FISHERS	P=0.375N	P=0.515N	P=0.253N	P=0.515N
ORDER RESTRICTED	P=0.351N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.409N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
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 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Ovary
 Pigmentation**

LESION RATES

OVERALL (a)	5/50 (10%)	3/48 (6%)	0/49 (0%)	2/48 (4%)
POLY-3 RATE (b)	5/45.41	3/45.93	0/43.69	2/29.50
POLY-3 PERCENT (g)	11%	6.5%	0%	6.8%
TERMINAL (d)	5/39 (13%)	3/42 (7%)	0/31 (0%)	1/21 (5%)
FIRST INCIDENCE	727 (T)	727 (T)	---	659

STATISTICAL TESTS

LIFE TABLE	P=0.294N	P=0.316N	P=0.056N	P=0.505N
POLY 3	P=0.143N	P=0.350N	P=0.034N*	P=0.421N
POLY 1.5	P=0.140N	P=0.359N	P=0.033N*	P=0.370N
POLY 6	P=0.149N	P=0.342N	P=0.036N*	P=0.451N
LOGISTIC REGRESSION	P=0.248N	P=0.316N	(e)	P=0.455N
COCH-ARM / FISHERS	P=0.121N	P=0.381N	P=0.030N*	P=0.235N
ORDER RESTRICTED	P=0.138N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.204N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
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 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Ovary: Bilateral
 Cyst

LESION RATES

OVERALL (a)	2/50 (4%)	1/48 (2%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	2/45.41	1/45.93	0/43.69	0/29.25
POLY-3 PERCENT (g)	4.4%	2.2%	0%	0%
TERMINAL (d)	2/39 (5%)	1/42 (2%)	0/31 (0%)	0/21 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.164N	P=0.474N	P=0.290N	P=0.382N
POLY 3	P=0.105N	P=0.496N	P=0.246N	P=0.345N
POLY 1.5	P=0.106N	P=0.501N	P=0.242N	P=0.318N
POLY 6	P=0.106N	P=0.491N	P=0.253N	P=0.363N
LOGISTIC REGRESSION	P=0.164N	P=0.474N	(e)	(e)
COCH-ARM / FISHERS	P=0.104N	P=0.515N	P=0.253N	P=0.258N
ORDER RESTRICTED	P=0.160N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.168N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Pancreas: Acinus
 Atrophy**

LESION RATES

OVERALL (a)	0/49 (0%)	1/49 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/44.60	1/46.72	2/44.98	0/30.45
POLY-3 PERCENT (g)	0%	2.1%	4.5%	0%
TERMINAL (d)	0/39 (0%)	1/42 (2%)	1/32 (3%)	0/22 (0%)
FIRST INCIDENCE	---	727 (T)	649	---

STATISTICAL TESTS

LIFE TABLE	P=0.564	P=0.515	P=0.216	(e)
POLY 3	P=0.452	P=0.509	P=0.239	(e)
POLY 1.5	P=0.520	P=0.507	P=0.242	(e)
POLY 6	P=0.410	P=0.511	P=0.233	(e)
LOGISTIC REGRESSION	P=0.631	P=0.515	P=0.241	(e)
COCH-ARM / FISHERS	P=0.610N	P=0.500	P=0.253	(e)
ORDER RESTRICTED	P=0.348	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.408	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Pancreas: Artery
 Inflammation Chronic

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.60	0/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Parathyroid Gland
 Cyst**

LESION RATES

OVERALL (a)	2/43 (5%)	0/41 (0%)	0/33 (0%)	0/36 (0%)
POLY-3 RATE (b)	2/40.26	0/39.15	0/29.64	0/23.62
POLY-3 PERCENT (g)	5%	0%	0%	0%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	0/21 (0%)	0/17 (0%)
FIRST INCIDENCE	493	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.163N	P=0.234N	P=0.289N	P=0.374N
POLY 3	P=0.117N	P=0.243N	P=0.308N	P=0.367N
POLY 1.5	P=0.123N	P=0.245N	P=0.303N	P=0.342N
POLY 6	P=0.114N	P=0.241N	P=0.317N	P=0.386N
LOGISTIC REGRESSION	P=0.056N	P=0.346N	P=0.321N	P=0.207N
COCH-ARM / FISHERS	P=0.137N	P=0.259N	P=0.317N	P=0.293N
ORDER RESTRICTED	P=0.111N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.177N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Pituitary Gland: Pars Distalis
 Cyst**

LESION RATES

OVERALL (a)	0/49 (0%)	2/49 (4%)	0/47 (0%)	0/44 (0%)
POLY-3 RATE (b)	0/44.41	2/47.34	0/41.83	0/24.45
POLY-3 PERCENT (g)	0%	4.2%	0%	0%
TERMINAL (d)	0/38 (0%)	1/42 (2%)	0/30 (0%)	0/16 (0%)
FIRST INCIDENCE	---	527	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.537N	P=0.258	(e)	(e)
POLY 3	P=0.479N	P=0.252	(e)	(e)
POLY 1.5	P=0.463N	P=0.247	(e)	(e)
POLY 6	P=0.510N	P=0.256	(e)	(e)
LOGISTIC REGRESSION	P=0.352N	P=0.153	(e)	(e)
COCH-ARM / FISHERS	P=0.428N	P=0.247	(e)	(e)
ORDER RESTRICTED	P=0.400N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.461N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
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 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Pituitary Gland: Pars Distalis
 Hyperplasia**

LESION RATES

OVERALL (a)	7/49 (14%)	11/49 (22%)	4/47 (9%)	0/44 (0%)
POLY-3 RATE (b)	7/44.41	11/46.85	4/41.83	0/24.45
POLY-3 PERCENT (g)	15.8%	23.5%	9.6%	0%
TERMINAL (d)	7/38 (18%)	10/42 (24%)	4/30 (13%)	0/16 (0%)
FIRST INCIDENCE	727 (T)	695	727 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.047N*	P=0.288	P=0.408N	P=0.083N
POLY 3	P=0.031N*	P=0.254	P=0.295N	P=0.059N
POLY 1.5	P=0.018N*	P=0.243	P=0.287N	P=0.039N*
POLY 6	P=0.046N*	P=0.265	P=0.313N	P=0.076N
LOGISTIC REGRESSION	P=0.036N*	P=0.270	P=0.408N	(e)
COCH-ARM / FISHERS	P=0.004N**	P=0.217	P=0.287N	P=0.009N**
ORDER RESTRICTED	P=0.033N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.048N*	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Salivary Glands: Artery
 Mineralization

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	0/49 (0%)	0/43 (0%)
POLY-3 RATE (b)	0/44.60	0/46.72	0/43.83	0/28.85
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95011-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
5-(HYDROXYMETHYL)-2-FURFURAL
CAS Number: 67-47-0
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Date Report Reqsted: 11/10/2006
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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Skin
Inflammation Chronic**

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	0/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Skin: Epidermis
 Hyperplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	0/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Skin: Epidermis
 Ulcer

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	0/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Spleen
 Hematopoietic Cell Proliferation**

LESION RATES

OVERALL (a)	9/49 (18%)	6/49 (12%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	9/45.02	6/47.60	5/45.80	3/31.88
POLY-3 PERCENT (g)	20%	12.6%	10.9%	9.4%
TERMINAL (d)	7/39 (18%)	3/42 (7%)	2/32 (6%)	0/22 (0%)
FIRST INCIDENCE	623	549	496	427

STATISTICAL TESTS

LIFE TABLE	P=0.221N	P=0.252N	P=0.288N	P=0.272N
POLY 3	P=0.117N	P=0.248N	P=0.182N	P=0.180N
POLY 1.5	P=0.095N	P=0.260N	P=0.178N	P=0.139N
POLY 6	P=0.134N	P=0.239N	P=0.194N	P=0.207N
LOGISTIC REGRESSION	P=0.044N*	P=0.290N	P=0.182N	P=0.121N
COCH-ARM / FISHERS	P=0.042N*	P=0.288N	P=0.183N	P=0.056N
ORDER RESTRICTED	P=0.168N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.188N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
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 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Spleen: Lymphoid Follicle
 Hyperplasia

LESION RATES

OVERALL (a)	8/49 (16%)	0/49 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	8/44.60	0/46.72	1/44.69	2/30.45
POLY-3 PERCENT (g)	17.9%	0%	2.2%	6.6%
TERMINAL (d)	8/39 (21%)	0/42 (0%)	1/32 (3%)	2/22 (9%)
FIRST INCIDENCE	727 (T)	---	727 (T)	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.130N	P=0.003N**	P=0.034N*	P=0.215N
POLY 3	P=0.040N*	P=0.003N**	P=0.015N*	P=0.149N
POLY 1.5	P=0.040N*	P=0.003N**	P=0.014N*	P=0.110N
POLY 6	P=0.040N*	P=0.003N**	P=0.017N*	P=0.178N
LOGISTIC REGRESSION	P=0.130N	(e)	P=0.034N*	P=0.215N
COCH-ARM / FISHERS	P=0.039N*	P=0.003N**	P=0.014N*	P=0.043N*
ORDER RESTRICTED	P=0.008N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.024N*	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
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 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Stomach, Forestomach
 Inflammation Chronic**

LESION RATES

OVERALL (a)	0/50 (0%)	2/49 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	2/47.15	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	4.2%	0%	0%
TERMINAL (d)	0/39 (0%)	1/42 (2%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	603	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.508N	P=0.253	(e)	(e)
POLY 3	P=0.448N	P=0.246	(e)	(e)
POLY 1.5	P=0.437N	P=0.242	(e)	(e)
POLY 6	P=0.458N	P=0.250	(e)	(e)
LOGISTIC REGRESSION	P=0.398N	P=0.191	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.242	(e)	(e)
ORDER RESTRICTED	P=0.345N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.407N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
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 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Stomach, Forestomach
 Ulcer**

LESION RATES

OVERALL (a)	0/50 (0%)	1/49 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	1/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	2.1%	0%	0%
TERMINAL (d)	0/39 (0%)	1/42 (2%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	727 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.663N	P=0.515	(e)	(e)
POLY 3	P=0.561N	P=0.506	(e)	(e)
POLY 1.5	P=0.564N	P=0.503	(e)	(e)
POLY 6	P=0.562N	P=0.508	(e)	(e)
LOGISTIC REGRESSION	(e)	P=0.515	(e)	(e)
COCH-ARM / FISHERS	P=0.567N	P=0.495	(e)	(e)
ORDER RESTRICTED	P=0.460N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.509N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Stomach, Forestomach: Epithelium
 Hyperkeratosis

LESION RATES

OVERALL (a)	2/50 (4%)	2/49 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.84	2/47.15	0/44.69	1/30.45
POLY-3 PERCENT (g)	4.4%	4.2%	0%	3.3%
TERMINAL (d)	1/39 (3%)	1/42 (2%)	0/32 (0%)	1/22 (5%)
FIRST INCIDENCE	601	603	---	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.453N	P=0.673N	P=0.261N	P=0.681N
POLY 3	P=0.323N	P=0.684N	P=0.243N	P=0.635N
POLY 1.5	P=0.319N	P=0.688N	P=0.239N	P=0.601N
POLY 6	P=0.330N	P=0.680N	P=0.251N	P=0.657N
LOGISTIC REGRESSION	P=0.311N	P=0.635	P=0.245N	P=0.606N
COCH-ARM / FISHERS	P=0.295N	P=0.684	P=0.247N	P=0.500N
ORDER RESTRICTED	P=0.387N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.445N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Stomach, Forestomach: Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	2/50 (4%)	2/49 (4%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/45.84	2/47.15	2/45.09	1/30.45
POLY-3 PERCENT (g)	4.4%	4.2%	4.4%	3.3%
TERMINAL (d)	1/39 (3%)	1/42 (2%)	1/32 (3%)	1/22 (5%)
FIRST INCIDENCE	601	603	615	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.576N	P=0.673N	P=0.659	P=0.681N
POLY 3	P=0.504N	P=0.684N	P=0.688	P=0.635N
POLY 1.5	P=0.473N	P=0.688N	P=0.693	P=0.601N
POLY 6	P=0.527N	P=0.680N	P=0.678	P=0.657N
LOGISTIC REGRESSION	P=0.398N	P=0.635	P=0.685	P=0.606N
COCH-ARM / FISHERS	P=0.370N	P=0.684	P=0.691N	P=0.500N
ORDER RESTRICTED	P=0.645N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.662N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Stomach, Glandular
 Mineralization**

LESION RATES

OVERALL (a)	3/50 (6%)	1/49 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	3/45.41	1/46.72	1/44.69	1/31.22
POLY-3 PERCENT (g)	6.6%	2.1%	2.2%	3.2%
TERMINAL (d)	3/39 (8%)	1/42 (2%)	1/32 (3%)	0/22 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	448

STATISTICAL TESTS

LIFE TABLE	P=0.409N	P=0.279N	P=0.378N	P=0.504N
POLY 3	P=0.288N	P=0.295N	P=0.311N	P=0.448N
POLY 1.5	P=0.280N	P=0.300N	P=0.306N	P=0.411N
POLY 6	P=0.296N	P=0.291N	P=0.321N	P=0.471N
LOGISTIC REGRESSION	P=0.263N	P=0.279N	P=0.378N	P=0.354N
COCH-ARM / FISHERS	P=0.240N	P=0.316N	P=0.309N	P=0.309N
ORDER RESTRICTED	P=0.297N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.361N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Thymus
 Atrophy**

LESION RATES

OVERALL (a)	8/47 (17%)	3/49 (6%)	5/50 (10%)	2/47 (4%)
POLY-3 RATE (b)	8/44.32	3/47.38	5/46.10	2/29.17
POLY-3 PERCENT (g)	18.1%	6.3%	10.9%	6.9%
TERMINAL (d)	2/36 (6%)	1/42 (2%)	0/32 (0%)	0/20 (0%)
FIRST INCIDENCE	450	549	496	427

STATISTICAL TESTS

LIFE TABLE	P=0.198N	P=0.093N	P=0.332N	P=0.194N
POLY 3	P=0.137N	P=0.079N	P=0.250N	P=0.163N
POLY 1.5	P=0.114N	P=0.080N	P=0.240N	P=0.121N
POLY 6	P=0.155N	P=0.079N	P=0.269N	P=0.195N
LOGISTIC REGRESSION	P=0.017N*	P=0.146N	P=0.268N	P=0.042N*
COCH-ARM / FISHERS	P=0.055N	P=0.087N	P=0.237N	P=0.045N*
ORDER RESTRICTED	P=0.133N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.194N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
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 Pathologist: TOFT, J. - Blackshear, P.

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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG
Thymus Cyst				
LESION RATES				
OVERALL (a)	32/47 (68%)	29/49 (59%)	25/50 (50%)	14/47 (30%)
POLY-3 RATE (b)	32/44.47	29/48.12	25/46.57	14/33.00
POLY-3 PERCENT (g)	72%	60.3%	53.7%	42.4%
TERMINAL (d)	27/36 (75%)	26/42 (62%)	17/32 (53%)	6/20 (30%)
FIRST INCIDENCE	450	527	555	230
STATISTICAL TESTS				
LIFE TABLE	P=0.175N	P=0.107N	P=0.286N	P=0.156N
POLY 3	P=0.006N**	P=0.164N	P=0.051N	P=0.007N**
POLY 1.5	P=0.002N**	P=0.184N	P=0.047N*	P=0.002N**
POLY 6	P=0.009N**	P=0.148N	P=0.059N	P=0.011N*
LOGISTIC REGRESSION	P=0.002N**	P=0.193N	P=0.050N*	P=0.003N**
COCH-ARM / FISHERS	P<0.001N**	P=0.244N	P=0.054N	P<0.001N**
ORDER RESTRICTED	P=0.008N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.008N**	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Thymus
 Ectopic Parathyroid Gland

LESION RATES

OVERALL (a)	9/47 (19%)	10/49 (20%)	8/50 (16%)	2/47 (4%)
POLY-3 RATE (b)	9/42.41	10/46.72	8/45.09	2/28.11
POLY-3 PERCENT (g)	21.2%	21.4%	17.7%	7.1%
TERMINAL (d)	9/36 (25%)	10/42 (24%)	6/32 (19%)	2/20 (10%)
FIRST INCIDENCE	727 (T)	727 (T)	654	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.151N	P=0.556N	P=0.603N	P=0.160N
POLY 3	P=0.096N	P=0.593	P=0.444N	P=0.111N
POLY 1.5	P=0.066N	P=0.578	P=0.438N	P=0.078N
POLY 6	P=0.121N	P=0.596N	P=0.460N	P=0.134N
LOGISTIC REGRESSION	P=0.109N	P=0.556N	P=0.499N	P=0.160N
COCH-ARM / FISHERS	P=0.016N*	P=0.541	P=0.444N	P=0.025N*
ORDER RESTRICTED	P=0.133N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.153N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Thymus
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	0/47 (0%)	1/49 (2%)	3/50 (6%)	0/47 (0%)
POLY-3 RATE (b)	0/42.41	1/46.72	3/44.69	0/28.11
POLY-3 PERCENT (g)	0%	2.1%	6.7%	0%
TERMINAL (d)	0/36 (0%)	1/42 (2%)	3/32 (9%)	0/20 (0%)
FIRST INCIDENCE	---	727 (T)	727 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.458	P=0.531	P=0.101	(e)
POLY 3	P=0.345	P=0.519	P=0.128	(e)
POLY 1.5	P=0.419	P=0.516	P=0.130	(e)
POLY 6	P=0.304	P=0.522	P=0.123	(e)
LOGISTIC REGRESSION	(e)	P=0.531	P=0.101	(e)
COCH-ARM / FISHERS	P=0.633	P=0.510	P=0.133	(e)
ORDER RESTRICTED	P=0.258	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.322	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Thyroid Gland
 Inflammation Chronic**

LESION RATES

OVERALL (a)	4/48 (8%)	7/49 (14%)	5/49 (10%)	2/47 (4%)
POLY-3 RATE (b)	4/43.60	7/47.34	5/43.83	2/29.00
POLY-3 PERCENT (g)	9.2%	14.8%	11.4%	6.9%
TERMINAL (d)	4/38 (11%)	6/42 (14%)	5/32 (16%)	1/22 (5%)
FIRST INCIDENCE	727 (T)	527	727 (T)	708

STATISTICAL TESTS

LIFE TABLE	P=0.488N	P=0.320	P=0.392	P=0.597N
POLY 3	P=0.413N	P=0.310	P=0.503	P=0.534N
POLY 1.5	P=0.353N	P=0.299	P=0.512	P=0.487N
POLY 6	P=0.453N	P=0.319	P=0.485	P=0.561N
LOGISTIC REGRESSION	P=0.402N	P=0.283	P=0.392	P=0.584N
COCH-ARM / FISHERS	P=0.188N	P=0.274	P=0.513	P=0.349N
ORDER RESTRICTED	P=0.421N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.472N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
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 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Thyroid Gland: Follicle
 Cyst**

LESION RATES

OVERALL (a)	2/48 (4%)	2/49 (4%)	0/49 (0%)	1/47 (2%)
POLY-3 RATE (b)	2/43.60	2/46.93	0/43.83	1/29.66
POLY-3 PERCENT (g)	4.6%	4.3%	0%	3.4%
TERMINAL (d)	2/38 (5%)	1/42 (2%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	727 (T)	671	---	468

STATISTICAL TESTS

LIFE TABLE	P=0.448N	P=0.662N	P=0.277N	P=0.666N
POLY 3	P=0.326N	P=0.667N	P=0.236N	P=0.629N
POLY 1.5	P=0.323N	P=0.673N	P=0.233N	P=0.601N
POLY 6	P=0.332N	P=0.662N	P=0.242N	P=0.644N
LOGISTIC REGRESSION	P=0.283N	P=0.676N	(e)	P=0.536N
COCH-ARM / FISHERS	P=0.302N	P=0.684N	P=0.242N	P=0.508N
ORDER RESTRICTED	P=0.376N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.429N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:14:01
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Thyroid Gland: Follicle Degeneration

LESION RATES

OVERALL (a)	10/48 (21%)	14/49 (29%)	15/49 (31%)	4/47 (9%)
POLY-3 RATE (b)	10/45.16	14/47.36	15/45.54	4/30.07
POLY-3 PERCENT (g)	22.1%	29.6%	32.9%	13.3%
TERMINAL (d)	7/38 (18%)	12/42 (29%)	7/32 (22%)	1/22 (5%)
FIRST INCIDENCE	450	603	555	448

STATISTICAL TESTS

LIFE TABLE	P=0.398N	P=0.328	P=0.120	P=0.328N
POLY 3	P=0.351N	P=0.283	P=0.179	P=0.262N
POLY 1.5	P=0.252N	P=0.278	P=0.188	P=0.204N
POLY 6	P=0.412N	P=0.288	P=0.167	P=0.296N
LOGISTIC REGRESSION	P=0.126N	P=0.233	P=0.189	P=0.128N
COCH-ARM / FISHERS	P=0.054N	P=0.259	P=0.193	P=0.079N
ORDER RESTRICTED	P=0.142N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.202N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Thyroid Gland: Follicular Cell
 Hyperplasia**

LESION RATES

OVERALL (a)	10/48 (21%)	12/49 (24%)	11/49 (22%)	3/47 (6%)
POLY-3 RATE (b)	10/43.72	12/46.72	11/44.40	3/29.30
POLY-3 PERCENT (g)	22.9%	25.7%	24.8%	10.2%
TERMINAL (d)	9/38 (24%)	12/42 (29%)	8/32 (25%)	1/22 (5%)
FIRST INCIDENCE	696	727 (T)	626	644

STATISTICAL TESTS

LIFE TABLE	P=0.230N	P=0.506	P=0.344	P=0.213N
POLY 3	P=0.167N	P=0.474	P=0.516	P=0.150N
POLY 1.5	P=0.116N	P=0.461	P=0.526	P=0.111N
POLY 6	P=0.202N	P=0.481	P=0.494	P=0.174N
LOGISTIC REGRESSION	P=0.160N	P=0.492	P=0.474	P=0.167N
COCH-ARM / FISHERS	P=0.026N*	P=0.426	P=0.521	P=0.038N*
ORDER RESTRICTED	P=0.147N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.208N	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

**Tooth
 Malformation**

LESION RATES

OVERALL (a)	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
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Tooth: Gingiva
 Inflammation Chronic

LESION RATES

OVERALL (a)	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
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95011-06
 Test Type: CHRONIC
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG

Uterus: Endometrium
 Hyperplasia Cystic

LESION RATES

OVERALL (a)	40/50 (80%)	43/49 (88%)	42/50 (84%)	32/50 (64%)
POLY-3 RATE (b)	40/47.24	43/48.43	42/48.40	32/41.53
POLY-3 PERCENT (g)	84.7%	88.8%	86.8%	77.1%
TERMINAL (d)	35/39 (90%)	37/42 (88%)	27/32 (84%)	15/22 (68%)
FIRST INCIDENCE	521	527	531	122

STATISTICAL TESTS

LIFE TABLE	P=0.011*	P=0.583	P=0.074	P=0.054
POLY 3	P=0.154N	P=0.383	P=0.499	P=0.252N
POLY 1.5	P=0.095N	P=0.329	P=0.476	P=0.187N
POLY 6	P=0.188N	P=0.432	P=0.517	P=0.282N
LOGISTIC REGRESSION	P=0.233N	P=0.370	P=0.412	P=0.293N
COCH-ARM / FISHERS	P=0.012N*	P=0.220	P=0.398	P=0.059N
ORDER RESTRICTED	P=0.155N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.184N	(e)	(e)	(e)

TDMS No. 95011-06
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Species/Strain: MICE/B6C3F1

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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.
 - (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. The life table analysis regards tumors in animals dying prior to terminal kill as being (directly or indirectly) the cause of death.
 - (e) Value of Statistic cannot be computed.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (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
- Logistic regression is an alternative method for analyzing the incidence of non-fatal tumors.
The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***