

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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: 9:09:40
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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**FOR ALL DOSES THE TUMOR RATES IN THE FOLLOWING TISSUES/ORGANS ARE BASED ON NUMBER OF TISSUES EXAMINED.
IN OTHER TISSUES/ORGANS RATES ARE BASED ON THE NUMBER OF ANIMALS NECROPSIED.**

Adrenal Cortex
Bone Marrow
Islets, Pancreatic
Kidney
Liver
Lung
Ovary
Pituitary Gland
Spleen
Testes
Thyroid Gland

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

MALE MICE

<u>Organ</u>	<u>Morphology</u>
Adrenal Cortex	Adenoma
Harderian Gland	Adenoma
Liver	Carcinoma or Adenoma Hepatoblastoma Hepatocellular Adenoma Hepatocellular Carcinoma or Hepatocellular Adenoma Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma
Lung	Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma
All Organs	Benign Tumors Malignant Tumors Malignant and Benign Tumors

FEMALE MICE

<u>Organ</u>	<u>Morphology</u>
Liver	Hepatocellular Adenoma Hepatocellular Carcinoma Hepatocellular Carcinoma or Hepatocellular Adenoma Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma
Spleen	Hemangiosarcoma
All Organs	Hemangiosarcoma or Hemangioma Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type Benign Tumors Malignant Tumors Malignant and Benign Tumors

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Adrenal Cortex
 Adenoma**

TUMOR RATES

OVERALL (a)	5/49 (10%)	3/50 (6%)	9/50 (18%)	0/49 (0%)
POLY-3 RATE (b)	5/45.09	3/43.7	9/46.61	0/27.08
POLY-3 PERCENT (g)	11.1%	6.9%	19.3%	0%
TERMINAL (d)	5/39 (13%)	3/35 (9%)	9/43 (21%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.417N	P=0.416N	P=0.249	P=0.193N
POLY 3	P=0.395N	P=0.374N	P=0.211	P=0.106N
POLY 1.5	P=0.266N	P=0.361N	P=0.207	P=0.072N
POLY 6	P=0.530N	P=0.390N	P=0.221	P=0.148N
LOGISTIC REGRESSION	P=0.417N	P=0.416N	P=0.249	(e)
COCH-ARM / FISHERS	P=0.092N	P=0.346N	P=0.205	P=0.028N*
ORDER RESTRICTED	P=0.099N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.167N	(e)	(e)	(e)

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS

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

Bone Marrow
Hemangiosarcoma

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	0/43.7	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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG
Harderian Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	11/50 (22%)	5/50 (10%)	7/50 (14%)	4/49 (8%)
POLY-3 RATE (b)	11/46.21	5/43.7	7/47.45	4/27.08
POLY-3 PERCENT (g)	23.8%	11.4%	14.8%	14.8%
TERMINAL (d)	10/40 (25%)	5/35 (14%)	5/43 (12%)	4/14 (29%)
FIRST INCIDENCE	699	728 (T)	399	728 (T)
STATISTICAL TESTS				
LIFE TABLE	P=0.463N	P=0.139N	P=0.178N	P=0.607
POLY 3	P=0.188N	P=0.103N	P=0.198N	P=0.278N
POLY 1.5	P=0.146N	P=0.095N	P=0.207N	P=0.169N
POLY 6	P=0.221N	P=0.116N	P=0.185N	P=0.405N
LOGISTIC REGRESSION	P=0.296N	P=0.133N	P=0.216N	P=0.556N
COCH-ARM / FISHERS	P=0.062N	P=0.086N	P=0.218N	P=0.049N*
ORDER RESTRICTED	P=0.246N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.304N	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Harderian Gland
 Carcinoma**

TUMOR RATES

	#	#	#	#
OVERALL (a)	3/50 (6%)	2/50 (4%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	3/46.53	2/44.26	1/46.61	0/27.08
POLY-3 PERCENT (g)	6.5%	4.5%	2.2%	0%
TERMINAL (d)	2/40 (5%)	1/35 (3%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	602	551	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.142N	P=0.542N	P=0.288N	P=0.325N
POLY 3	P=0.101N	P=0.523N	P=0.305N	P=0.245N
POLY 1.5	P=0.089N	P=0.513N	P=0.306N	P=0.197N
POLY 6	P=0.117N	P=0.536N	P=0.301N	P=0.296N
LOGISTIC REGRESSION	P=0.061N	P=0.474N	P=0.305N	P=0.191N
COCH-ARM / FISHERS	P=0.063N	P=0.500N	P=0.309N	P=0.125N
ORDER RESTRICTED	P=0.163N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.161N	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Harderian Gland
 Carcinoma or Adenoma**

TUMOR RATES

	#	#	#	#
OVERALL (a)	13/50 (26%)	7/50 (14%)	8/50 (16%)	4/49 (8%)
POLY-3 RATE (b)	13/46.64	7/44.26	8/47.45	4/27.08
POLY-3 PERCENT (g)	27.9%	15.8%	16.9%	14.8%
TERMINAL (d)	11/40 (28%)	6/35 (17%)	6/43 (14%)	4/14 (29%)
FIRST INCIDENCE	602	551	399	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.293N	P=0.176N	P=0.132N	P=0.500N
POLY 3	P=0.101N	P=0.127N	P=0.150N	P=0.172N
POLY 1.5	P=0.068N	P=0.117N	P=0.155N	P=0.087N
POLY 6	P=0.131N	P=0.143N	P=0.141N	P=0.291N
LOGISTIC REGRESSION	P=0.118N	P=0.128N	P=0.163N	P=0.302N
COCH-ARM / FISHERS	P=0.020N*	P=0.105N	P=0.163N	P=0.017N*
ORDER RESTRICTED	P=0.173N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.162N	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Intestine Small: Duodenum
 Carcinoma**

TUMOR RATES

	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/46.09	0/43.7	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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Intestine Small: Site Unspecified
 Carcinoma**

TUMOR RATES

	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/46.09	0/43.7	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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Liver
 Hemangiosarcoma

TUMOR RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	1/46.09	0/43.7	2/46.61	0/27.08
POLY-3 PERCENT (g)	2.2%	0%	4.3%	0%
TERMINAL (d)	1/40 (3%)	0/35 (0%)	2/43 (5%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	---	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.680N	P=0.527N	P=0.525	P=0.709N
POLY 3	P=0.601	P=0.511N	P=0.504	P=0.600N
POLY 1.5	P=0.561N	P=0.506N	P=0.501	P=0.569N
POLY 6	P=0.553	P=0.517N	P=0.510	P=0.627N
LOGISTIC REGRESSION	P=0.680N	(e)	P=0.525	(e)
COCH-ARM / FISHERS	P=0.466N	P=0.500N	P=0.500	P=0.505N
ORDER RESTRICTED	P=0.435N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.495N	(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
Liver				
Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	4/50 (8%)	7/50 (14%)	0/49 (0%)
POLY-3 RATE (b)	1/46.09	4/44.25	7/46.62	0/27.08
POLY-3 PERCENT (g)	2.2%	9%	15%	0%
TERMINAL (d)	1/40 (3%)	3/35 (9%)	6/43 (14%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	555	725	---
STATISTICAL TESTS				
LIFE TABLE	P=0.426	P=0.149	P=0.043*	P=0.709N
POLY 3	P=0.323	P=0.166	P=0.031*	P=0.600N
POLY 1.5	P=0.482	P=0.172	P=0.031*	P=0.569N
POLY 6	P=0.209	P=0.159	P=0.033*	P=0.627N
LOGISTIC REGRESSION	P=0.550	P=0.180	P=0.041*	(e)
COCH-ARM / FISHERS	P=0.353N	P=0.181	P=0.030*	P=0.505N
ORDER RESTRICTED	P=0.165N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.245N	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Liver
 Hepatocellular Adenoma

TUMOR RATES

OVERALL (a)	33/50 (66%)	30/50 (60%)	41/50 (82%)	10/49 (20%)
POLY-3 RATE (b)	33/48.11	30/45.94	41/48.58	10/29.03
POLY-3 PERCENT (g)	68.6%	65.3%	84.4%	34.5%
TERMINAL (d)	28/40 (70%)	23/35 (66%)	37/43 (86%)	6/14 (43%)
FIRST INCIDENCE	327	446	394	449

STATISTICAL TESTS

LIFE TABLE	P=0.390N	P=0.506	P=0.175	P=0.248N
POLY 3	P=0.055N	P=0.451N	P=0.049*	P=0.003N**
POLY 1.5	P=0.004N**	P=0.408N	P=0.049*	P<0.001N**
POLY 6	P=0.236N	P=0.494N	P=0.056	P=0.019N*
LOGISTIC REGRESSION	P=0.010N**	P=0.408N	P=0.054	P=0.003N**
COCH-ARM / FISHERS	P<0.001N**	P=0.339N	P=0.055	P<0.001N**
ORDER RESTRICTED	P<0.001N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.004N**	(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

Liver
 Hepatocellular Carcinoma

TUMOR RATES

OVERALL (a)	11/50 (22%)	14/50 (28%)	14/50 (28%)	6/49 (12%)
POLY-3 RATE (b)	11/48.6	14/46.84	14/46.99	6/28.71
POLY-3 PERCENT (g)	22.6%	29.9%	29.8%	20.9%
TERMINAL (d)	4/40 (10%)	6/35 (17%)	12/43 (28%)	3/14 (21%)
FIRST INCIDENCE	524	380	652	476

STATISTICAL TESTS

LIFE TABLE	P=0.371	P=0.250	P=0.391	P=0.429
POLY 3	P=0.506	P=0.284	P=0.288	P=0.540N
POLY 1.5	P=0.385N	P=0.302	P=0.300	P=0.392N
POLY 6	P=0.363	P=0.260	P=0.280	P=0.533
LOGISTIC REGRESSION	P=0.150N	P=0.425	P=0.320	P=0.241N
COCH-ARM / FISHERS	P=0.098N	P=0.322	P=0.322	P=0.154N
ORDER RESTRICTED	P=0.456N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.512N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Liver
 Hepatocellular Carcinoma or Hepatoblastoma

TUMOR RATES

OVERALL (a)	12/50 (24%)	18/50 (36%)	18/50 (36%)	6/49 (12%)
POLY-3 RATE (b)	12/48.6	18/47.4	18/47	6/28.71
POLY-3 PERCENT (g)	24.7%	38%	38.3%	20.9%
TERMINAL (d)	5/40 (13%)	9/35 (26%)	15/43 (35%)	3/14 (21%)
FIRST INCIDENCE	524	380	652	476

STATISTICAL TESTS

LIFE TABLE	P=0.388	P=0.105	P=0.207	P=0.485
POLY 3	P=0.494	P=0.117	P=0.112	P=0.461N
POLY 1.5	P=0.348N	P=0.127	P=0.120	P=0.314N
POLY 6	P=0.310	P=0.105	P=0.107	P=0.600
LOGISTIC REGRESSION	P=0.124N	P=0.198	P=0.137	P=0.190N
COCH-ARM / FISHERS	P=0.054N	P=0.138	P=0.138	P=0.104N
ORDER RESTRICTED	P=0.236N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.314N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Liver
 Hepatocellular Carcinoma or Hepatocellular Adenoma

TUMOR RATES

OVERALL (a)	39/50 (78%)	36/50 (72%)	43/50 (86%)	14/49 (29%)
POLY-3 RATE (b)	39/50	36/48.08	43/48.68	14/30.66
POLY-3 PERCENT (g)	78%	74.9%	88.3%	45.7%
TERMINAL (d)	29/40 (73%)	25/35 (71%)	38/43 (88%)	7/14 (50%)
FIRST INCIDENCE	327	380	394	449

STATISTICAL TESTS

LIFE TABLE	P=0.417N	P=0.472	P=0.472	P=0.390N
POLY 3	P=0.021N*	P=0.449N	P=0.133	P=0.002N**
POLY 1.5	P<0.001N**	P=0.393N	P=0.161	P<0.001N**
POLY 6	P=0.152N	P=0.523N	P=0.111	P=0.024N*
LOGISTIC REGRESSION	P<0.001N**	P=0.293N	P=0.217	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.322N	P=0.218	P<0.001N**
ORDER RESTRICTED	P<0.001N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.004N**	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Liver
 Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

TUMOR RATES

OVERALL (a)	39/50 (78%)	37/50 (74%)	43/50 (86%)	14/49 (29%)
POLY-3 RATE (b)	39/50	37/48.64	43/48.68	14/30.66
POLY-3 PERCENT (g)	78%	76.1%	88.3%	45.7%
TERMINAL (d)	29/40 (73%)	25/35 (71%)	38/43 (88%)	7/14 (50%)
FIRST INCIDENCE	327	380	394	449

STATISTICAL TESTS

LIFE TABLE	P=0.399N	P=0.406	P=0.472	P=0.390N
POLY 3	P=0.019N*	P=0.505N	P=0.133	P=0.002N**
POLY 1.5	P<0.001N**	P=0.463N	P=0.161	P<0.001N**
POLY 6	P=0.149N	P=0.560N	P=0.111	P=0.024N*
LOGISTIC REGRESSION	P<0.001N**	P=0.353N	P=0.217	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.408N	P=0.218	P<0.001N**
ORDER RESTRICTED	P<0.001N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.003N**	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Lung
 Alveolar/Bronchiolar Adenoma

TUMOR RATES

OVERALL (a)	10/50 (20%)	5/50 (10%)	10/50 (20%)	3/49 (6%)
POLY-3 RATE (b)	10/46.21	5/43.7	10/46.62	3/27.8
POLY-3 PERCENT (g)	21.6%	11.4%	21.5%	10.8%
TERMINAL (d)	9/40 (23%)	5/35 (14%)	9/43 (21%)	1/14 (7%)
FIRST INCIDENCE	699	728 (T)	725	589

STATISTICAL TESTS

LIFE TABLE	P=0.513N	P=0.199N	P=0.526N	P=0.490N
POLY 3	P=0.286N	P=0.155N	P=0.590N	P=0.204N
POLY 1.5	P=0.203N	P=0.144N	P=0.596N	P=0.127N
POLY 6	P=0.363N	P=0.171N	P=0.576N	P=0.293N
LOGISTIC REGRESSION	P=0.375N	P=0.191N	P=0.544N	P=0.274N
COCH-ARM / FISHERS	P=0.070N	P=0.131N	P=0.598N	P=0.039N*
ORDER RESTRICTED	P=0.221N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.299N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Lung
 Alveolar/Bronchiolar Carcinoma**

TUMOR RATES

OVERALL (a)	7/50 (14%)	1/50 (2%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	7/46.38	1/44.05	1/47.45	0/27.08
POLY-3 PERCENT (g)	15.1%	2.3%	2.1%	0%
TERMINAL (d)	6/40 (15%)	0/35 (0%)	0/43 (0%)	0/14 (0%)
FIRST INCIDENCE	651	629	394	---

STATISTICAL TESTS

LIFE TABLE	P=0.011N*	P=0.050N*	P=0.029N*	P=0.109N
POLY 3	P=0.004N**	P=0.036N*	P=0.028N*	P=0.052N
POLY 1.5	P=0.004N**	P=0.033N*	P=0.029N*	P=0.029N*
POLY 6	P=0.004N**	P=0.039N*	P=0.026N*	P=0.085N
LOGISTIC REGRESSION	P=0.002N**	P=0.035N*	P=0.032N*	P=0.064N
COCH-ARM / FISHERS	P=0.003N**	P=0.030N*	P=0.030N*	P=0.007N**
ORDER RESTRICTED	P=0.009N**	(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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Lung
 Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma

TUMOR RATES

OVERALL (a)	16/50 (32%)	6/50 (12%)	11/50 (22%)	3/49 (6%)
POLY-3 RATE (b)	16/46.49	6/44.05	11/47.46	3/27.8
POLY-3 PERCENT (g)	34.4%	13.6%	23.2%	10.8%
TERMINAL (d)	14/40 (35%)	5/35 (14%)	9/43 (21%)	1/14 (7%)
FIRST INCIDENCE	651	629	394	589

STATISTICAL TESTS

LIFE TABLE	P=0.116N	P=0.034N*	P=0.139N	P=0.167N
POLY 3	P=0.032N*	P=0.017N*	P=0.164N	P=0.027N*
POLY 1.5	P=0.018N*	P=0.015N*	P=0.172N	P=0.009N**
POLY 6	P=0.049N*	P=0.021N*	P=0.153N	P=0.063N
LOGISTIC REGRESSION	P=0.032N*	P=0.023N*	P=0.180N	P=0.047N*
COCH-ARM / FISHERS	P=0.003N**	P=0.014N*	P=0.184N	P<0.001N**
ORDER RESTRICTED	P=0.020N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.049N*	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 or Unspecified Site
 Adenoma**

TUMOR RATES

OVERALL (a)	0/48 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/44.57	0/43.7	0/46.61	0/27.08
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (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)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Intermedia
 Adenoma**

TUMOR RATES

OVERALL (a)	0/48 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/44.57	0/43.7	0/46.61	0/27.08
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (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)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Skin
 Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	0/43.7	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)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Skin
 Fibrosarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	0/43.7	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)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Skin
 Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	0/43.7	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)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Spleen
 Hemangiosarcoma**

TUMOR RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/46.09	0/43.7	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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Stomach, Forestomach
 Squamous Cell Papilloma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	1/49 (2%)
POLY-3 RATE (b)	2/46.09	0/43.7	1/46.61	1/27.08
POLY-3 PERCENT (g)	4.3%	0%	2.2%	3.7%
TERMINAL (d)	2/40 (5%)	0/35 (0%)	1/43 (2%)	1/14 (7%)
FIRST INCIDENCE	728 (T)	---	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.561	P=0.268N	P=0.475N	P=0.645
POLY 3	P=0.523N	P=0.249N	P=0.496N	P=0.671N
POLY 1.5	P=0.525N	P=0.244N	P=0.499N	P=0.619N
POLY 6	P=0.529N	P=0.256N	P=0.490N	P=0.707
LOGISTIC REGRESSION	P=0.561	(e)	P=0.475N	P=0.645
COCH-ARM / FISHERS	P=0.506N	P=0.247N	P=0.500N	P=0.508N
ORDER RESTRICTED	P=0.423N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.485N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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
 Adenoma**

TUMOR RATES

OVERALL (a)	2/50 (4%)	2/50 (4%)	3/50 (6%)	2/49 (4%)
POLY-3 RATE (b)	2/46.09	2/43.7	3/46.61	2/27.08
POLY-3 PERCENT (g)	4.3%	4.6%	6.4%	7.4%
TERMINAL (d)	2/40 (5%)	2/35 (6%)	3/43 (7%)	2/14 (14%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.203	P=0.646	P=0.533	P=0.293
POLY 3	P=0.328	P=0.675	P=0.505	P=0.492
POLY 1.5	P=0.391	P=0.683	P=0.502	P=0.560
POLY 6	P=0.298	P=0.664	P=0.513	P=0.430
LOGISTIC REGRESSION	P=0.203	P=0.646	P=0.533	P=0.293
COCH-ARM / FISHERS	P=0.560	P=0.691N	P=0.500	P=0.684
ORDER RESTRICTED	P=0.495	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.521	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	2/50 (4%)	2/50 (4%)	4/50 (8%)	2/49 (4%)
POLY-3 RATE (b)	2/46.09	2/43.7	4/46.61	2/27.08
POLY-3 PERCENT (g)	4.3%	4.6%	8.6%	7.4%
TERMINAL (d)	2/40 (5%)	2/35 (6%)	4/43 (9%)	2/14 (14%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.166	P=0.646	P=0.371	P=0.293
POLY 3	P=0.266	P=0.675	P=0.342	P=0.492
POLY 1.5	P=0.339	P=0.683	P=0.339	P=0.560
POLY 6	P=0.226	P=0.664	P=0.350	P=0.430
LOGISTIC REGRESSION	P=0.166	P=0.646	P=0.371	P=0.293
COCH-ARM / FISHERS	P=0.534	P=0.691N	P=0.339	P=0.684
ORDER RESTRICTED	P=0.446	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.427	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG
Tooth Odontoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	3/50 (6%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	3/43.7	2/46.61	0/27.08
POLY-3 PERCENT (g)	0%	6.9%	4.3%	0%
TERMINAL (d)	0/40 (0%)	3/35 (9%)	2/43 (5%)	0/14 (0%)
FIRST INCIDENCE	---	728 (T)	728 (T)	---
STATISTICAL TESTS				
LIFE TABLE	P=0.604	P=0.098	P=0.254	(e)
POLY 3	P=0.515	P=0.109	P=0.240	(e)
POLY 1.5	P=0.573N	P=0.113	P=0.238	(e)
POLY 6	P=0.441	P=0.104	P=0.244	(e)
LOGISTIC REGRESSION	(e)	P=0.098	P=0.254	(e)
COCH-ARM / FISHERS	P=0.416N	P=0.121	P=0.247	(e)
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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**All Organs
 Hemangioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/46.09	0/43.7	1/46.61	0/27.08
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/40 (0%)	0/35 (0%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	---	---	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.611	(e)	P=0.514	(e)
POLY 3	P=0.440	(e)	P=0.502	(e)
POLY 1.5	P=0.524	(e)	P=0.501	(e)
POLY 6	P=0.400	(e)	P=0.506	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.514	(e)
COCH-ARM / FISHERS	P=0.693	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.416	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.479	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**All Organs
 Hemangiosarcoma**

TUMOR RATES

	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	1/49 (2%)
POLY-3 RATE (b)	2/46.09	0/43.7	2/46.61	1/27.09
POLY-3 PERCENT (g)	4.3%	0%	4.3%	3.7%
TERMINAL (d)	2/40 (5%)	0/35 (0%)	2/43 (5%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	---	728 (T)	726

STATISTICAL TESTS

LIFE TABLE	P=0.460	P=0.268N	P=0.669N	P=0.650
POLY 3	P=0.535	P=0.249N	P=0.690N	P=0.671N
POLY 1.5	P=0.582	P=0.244N	P=0.692N	P=0.619N
POLY 6	P=0.519	P=0.256N	P=0.684N	P=0.707
LOGISTIC REGRESSION	P=0.478	(e)	P=0.669N	P=0.671
COCH-ARM / FISHERS	P=0.537N	P=0.247N	P=0.691N	P=0.508N
ORDER RESTRICTED	P=0.546	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.586	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**All Organs
 Hemangiosarcoma or Hemangioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	3/50 (6%)	1/49 (2%)
POLY-3 RATE (b)	2/46.09	0/43.7	3/46.61	1/27.09
POLY-3 PERCENT (g)	4.3%	0%	6.4%	3.7%
TERMINAL (d)	2/40 (5%)	0/35 (0%)	3/43 (7%)	0/14 (0%)
FIRST INCIDENCE	728 (T)	---	728 (T)	726

STATISTICAL TESTS

LIFE TABLE	P=0.376	P=0.268N	P=0.533	P=0.650
POLY 3	P=0.431	P=0.249N	P=0.505	P=0.671N
POLY 1.5	P=0.499	P=0.244N	P=0.502	P=0.619N
POLY 6	P=0.393	P=0.256N	P=0.513	P=0.707
LOGISTIC REGRESSION	P=0.396	(e)	P=0.533	P=0.671
COCH-ARM / FISHERS	P=0.563N	P=0.247N	P=0.500	P=0.508N
ORDER RESTRICTED	P=0.423	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.484	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

All Organs
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	3/50 (6%)	0/49 (0%)
POLY-3 RATE (b)	2/46.15	1/43.7	3/47.41	0/27.08
POLY-3 PERCENT (g)	4.3%	2.3%	6.3%	0%
TERMINAL (d)	1/40 (3%)	1/35 (3%)	1/43 (2%)	0/14 (0%)
FIRST INCIDENCE	713	728 (T)	485	---

STATISTICAL TESTS

LIFE TABLE	P=0.461N	P=0.549N	P=0.526	P=0.475N
POLY 3	P=0.435N	P=0.519N	P=0.512	P=0.370N
POLY 1.5	P=0.369N	P=0.511N	P=0.506	P=0.324N
POLY 6	P=0.510N	P=0.530N	P=0.522	P=0.415N
LOGISTIC REGRESSION	P=0.283N	P=0.537N	P=0.501	P=0.427N
COCH-ARM / FISHERS	P=0.247N	P=0.500N	P=0.500	P=0.253N
ORDER RESTRICTED	P=0.315N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.389N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**All Organs
 Benign Tumors**

TUMOR RATES

	#	#	#	#
OVERALL (a)	42/50 (84%)	32/50 (64%)	44/50 (88%)	16/49 (33%)
POLY-3 RATE (b)	42/48.11	32/45.94	44/48.58	16/29.75
POLY-3 PERCENT (g)	87.3%	69.7%	90.6%	53.8%
TERMINAL (d)	37/40 (93%)	25/35 (71%)	40/43 (93%)	10/14 (71%)
FIRST INCIDENCE	327	446	394	449

STATISTICAL TESTS

LIFE TABLE	P=0.473	P=0.181N	P=0.508N	P=0.598
POLY 3	P=0.012N*	P=0.024N*	P=0.420	P<0.001N**
POLY 1.5	P<0.001N**	P=0.022N*	P=0.396	P<0.001N**
POLY 6	P=0.076N	P=0.027N*	P=0.483	P=0.005N**
LOGISTIC REGRESSION	P=0.015N*	P=0.033N*	P=0.373	P=0.005N**
COCH-ARM / FISHERS	P<0.001N**	P=0.020N*	P=0.387	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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**All Organs
 Malignant Tumors**

TUMOR RATES

	#	#	#	#
OVERALL (a)	26/50 (52%)	24/50 (48%)	23/50 (46%)	8/49 (16%)
POLY-3 RATE (b)	26/49.09	24/48.75	23/49.17	8/28.72
POLY-3 PERCENT (g)	53%	49.2%	46.8%	27.9%
TERMINAL (d)	17/40 (43%)	12/35 (34%)	17/43 (40%)	4/14 (29%)
FIRST INCIDENCE	524	380	394	476

STATISTICAL TESTS

LIFE TABLE	P=0.186N	P=0.518	P=0.282N	P=0.304N
POLY 3	P=0.040N*	P=0.434N	P=0.342N	P=0.031N*
POLY 1.5	P=0.009N**	P=0.424N	P=0.341N	P=0.006N**
POLY 6	P=0.109N	P=0.452N	P=0.344N	P=0.111N
LOGISTIC REGRESSION	P<0.001N**	P=0.321N	P=0.350N	P=0.009N**
COCH-ARM / FISHERS	P<0.001N**	P=0.421N	P=0.345N	P<0.001N**
ORDER RESTRICTED	P=0.038N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.062N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**All Organs
 Malignant and Benign Tumors**

TUMOR RATES

	#	#	#	#
OVERALL (a)	49/50 (98%)	43/50 (86%)	47/50 (94%)	20/49 (41%)
POLY-3 RATE (b)	49/50	43/49.63	47/50	20/31.14
POLY-3 PERCENT (g)	98%	86.6%	94%	64.2%
TERMINAL (d)	39/40 (98%)	29/35 (83%)	40/43 (93%)	11/14 (79%)
FIRST INCIDENCE	327	380	394	449

STATISTICAL TESTS

LIFE TABLE	P=0.499N	P=0.529N	P=0.188N	P=0.490
POLY 3	P<0.001N**	P=0.035N*	P=0.306N	P<0.001N**
POLY 1.5	P<0.001N**	P=0.033N*	P=0.306N	P<0.001N**
POLY 6	P=0.005N**	P=0.040N*	P=0.306N	P<0.001N**
LOGISTIC REGRESSION	P<0.001N**	P=0.025N*	(e)	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.030N*	P=0.309N	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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Adrenal Cortex
 Adenoma**

TUMOR 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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Bone Marrow
 Hemangiosarcoma**

TUMOR RATES

OVERALL (a)	0/49 (0%)	2/49 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.17	2/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	4.3%	0%	0%
TERMINAL (d)	0/39 (0%)	2/42 (5%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	727 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.527N	P=0.255	(e)	(e)
POLY 3	P=0.450N	P=0.245	(e)	(e)
POLY 1.5	P=0.438N	P=0.243	(e)	(e)
POLY 6	P=0.463N	P=0.246	(e)	(e)
LOGISTIC REGRESSION	(e)	P=0.255	(e)	(e)
COCH-ARM / FISHERS	P=0.401N	P=0.247	(e)	(e)
ORDER RESTRICTED	P=0.343N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.405N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Harderian Gland
 Adenoma**

TUMOR RATES

	#	#	#	#
OVERALL (a)	7/50 (14%)	3/49 (6%)	9/50 (18%)	3/50 (6%)
POLY-3 RATE (b)	7/45.41	3/46.72	9/46.43	3/30.65
POLY-3 PERCENT (g)	15.4%	6.4%	19.4%	9.8%
TERMINAL (d)	7/39 (18%)	3/42 (7%)	5/32 (16%)	2/22 (9%)
FIRST INCIDENCE	727 (T)	727 (T)	531	675

STATISTICAL TESTS

LIFE TABLE	P=0.499	P=0.129N	P=0.282	P=0.466N
POLY 3	P=0.531N	P=0.146N	P=0.411	P=0.362N
POLY 1.5	P=0.459N	P=0.152N	P=0.409	P=0.301N
POLY 6	P=0.508	P=0.141N	P=0.405	P=0.401N
LOGISTIC REGRESSION	P=0.442N	P=0.129N	P=0.392	P=0.417N
COCH-ARM / FISHERS	P=0.242N	P=0.167N	P=0.393	P=0.159N
ORDER RESTRICTED	P=0.405N	(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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Harderian Gland
 Carcinoma**

TUMOR 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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Harderian Gland
 Carcinoma or Adenoma**

TUMOR RATES

	#	#	#	#
OVERALL (a)	7/50 (14%)	3/49 (6%)	9/50 (18%)	3/50 (6%)
POLY-3 RATE (b)	7/45.41	3/46.72	9/46.43	3/30.65
POLY-3 PERCENT (g)	15.4%	6.4%	19.4%	9.8%
TERMINAL (d)	7/39 (18%)	3/42 (7%)	5/32 (16%)	2/22 (9%)
FIRST INCIDENCE	727 (T)	727 (T)	531	675

STATISTICAL TESTS

LIFE TABLE	P=0.499	P=0.129N	P=0.282	P=0.466N
POLY 3	P=0.531N	P=0.146N	P=0.411	P=0.362N
POLY 1.5	P=0.459N	P=0.152N	P=0.409	P=0.301N
POLY 6	P=0.508	P=0.141N	P=0.405	P=0.401N
LOGISTIC REGRESSION	P=0.442N	P=0.129N	P=0.392	P=0.417N
COCH-ARM / FISHERS	P=0.242N	P=0.167N	P=0.393	P=0.159N
ORDER RESTRICTED	P=0.405N	(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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Intestine Small: Duodenum
 Carcinoma**

TUMOR 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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Intestine Small: Site Unspecified
 Carcinoma**

TUMOR 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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Liver
 Hemangiosarcoma

TUMOR 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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Liver
 Hepatoblastoma

TUMOR RATES

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

STATISTICAL TESTS

LIFE TABLE	P=0.372N	P=0.485N	P=0.539N	P=0.614N
POLY 3	P=0.247N	P=0.494N	P=0.503N	P=0.577N
POLY 1.5	P=0.265N	P=0.497N	P=0.500N	P=0.557N
POLY 6	P=0.238N	P=0.492N	P=0.509N	P=0.589N
LOGISTIC REGRESSION	P=0.372N	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.305N	P=0.505N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.208N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.278N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Liver
 Hepatocellular Adenoma

TUMOR RATES

OVERALL (a)	14/50 (28%)	26/49 (53%)	26/50 (52%)	6/50 (12%)
POLY-3 RATE (b)	14/45.41	26/46.94	26/46.05	6/30.45
POLY-3 PERCENT (g)	30.8%	55.4%	56.5%	19.7%
TERMINAL (d)	14/39 (36%)	24/42 (57%)	19/32 (59%)	6/22 (27%)
FIRST INCIDENCE	727 (T)	695	555	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.461N	P=0.022*	P=0.002**	P=0.344N
POLY 3	P=0.354N	P=0.013*	P=0.009**	P=0.216N
POLY 1.5	P=0.183N	P=0.011*	P=0.011*	P=0.146N
POLY 6	P=0.488N	P=0.014*	P=0.008**	P=0.268N
LOGISTIC REGRESSION	P=0.288N	P=0.016*	P=0.006**	P=0.344N
COCH-ARM / FISHERS	P=0.010N**	P=0.010**	P=0.012*	P=0.039N*
ORDER RESTRICTED	P=0.013N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.038N*	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	1/49 (2%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	2/45.41	1/46.72	2/44.83	4/31.74
POLY-3 PERCENT (g)	4.4%	2.1%	4.5%	12.6%
TERMINAL (d)	2/39 (5%)	1/42 (2%)	1/32 (3%)	1/22 (5%)
FIRST INCIDENCE	727 (T)	727 (T)	693	507
STATISTICAL TESTS				
LIFE TABLE	P=0.045*	P=0.474N	P=0.630	P=0.144
POLY 3	P=0.097	P=0.490N	P=0.689	P=0.194
POLY 1.5	P=0.109	P=0.495N	P=0.694	P=0.224
POLY 6	P=0.090	P=0.486N	P=0.680	P=0.180
LOGISTIC REGRESSION	P=0.110	P=0.474N	P=0.677	P=0.246
COCH-ARM / FISHERS	P=0.166	P=0.508N	P=0.691N	P=0.339
ORDER RESTRICTED	P=0.071	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.120	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Liver
 Hepatocellular Carcinoma or Hepatoblastoma

TUMOR RATES

OVERALL (a)	3/50 (6%)	1/49 (2%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	3/45.41	1/46.72	2/44.83	4/31.74
POLY-3 PERCENT (g)	6.6%	2.1%	4.5%	12.6%
TERMINAL (d)	3/39 (8%)	1/42 (2%)	1/32 (3%)	1/22 (5%)
FIRST INCIDENCE	727 (T)	727 (T)	693	507

STATISTICAL TESTS

LIFE TABLE	P=0.102	P=0.279N	P=0.580N	P=0.240
POLY 3	P=0.196	P=0.295N	P=0.506N	P=0.315
POLY 1.5	P=0.214	P=0.300N	P=0.500N	P=0.356
POLY 6	P=0.186	P=0.291N	P=0.518N	P=0.296
LOGISTIC REGRESSION	P=0.208	P=0.279N	P=0.530N	P=0.373
COCH-ARM / FISHERS	P=0.295	P=0.316N	P=0.500N	P=0.500
ORDER RESTRICTED	P=0.124	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.182	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Liver
 Hepatocellular Carcinoma or Hepatocellular Adenoma

TUMOR RATES

OVERALL (a)	14/50 (28%)	26/49 (53%)	26/50 (52%)	10/50 (20%)
POLY-3 RATE (b)	14/45.41	26/46.94	26/46.05	10/31.74
POLY-3 PERCENT (g)	30.8%	55.4%	56.5%	31.5%
TERMINAL (d)	14/39 (36%)	24/42 (57%)	19/32 (59%)	7/22 (32%)
FIRST INCIDENCE	727 (T)	695	555	507

STATISTICAL TESTS

LIFE TABLE	P=0.216	P=0.022*	P=0.002**	P=0.351
POLY 3	P=0.408	P=0.013*	P=0.009**	P=0.572
POLY 1.5	P=0.485N	P=0.011*	P=0.011*	P=0.523N
POLY 6	P=0.321	P=0.014*	P=0.008**	P=0.526
LOGISTIC REGRESSION	P=0.422	P=0.016*	P=0.006**	P=0.495
COCH-ARM / FISHERS	P=0.080N	P=0.010**	P=0.012*	P=0.241N
ORDER RESTRICTED	P=0.088	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.140	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Liver
 Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

TUMOR RATES

OVERALL (a)	15/50 (30%)	26/49 (53%)	26/50 (52%)	10/50 (20%)
POLY-3 RATE (b)	15/45.41	26/46.94	26/46.05	10/31.74
POLY-3 PERCENT (g)	33%	55.4%	56.5%	31.5%
TERMINAL (d)	15/39 (39%)	24/42 (57%)	19/32 (59%)	7/22 (32%)
FIRST INCIDENCE	727 (T)	695	555	507

STATISTICAL TESTS

LIFE TABLE	P=0.265	P=0.036*	P=0.003**	P=0.421
POLY 3	P=0.482	P=0.023*	P=0.017*	P=0.541N
POLY 1.5	P=0.413N	P=0.020*	P=0.019*	P=0.440N
POLY 6	P=0.392	P=0.025*	P=0.014*	P=0.590N
LOGISTIC REGRESSION	P=0.489	P=0.027*	P=0.011*	P=0.570
COCH-ARM / FISHERS	P=0.058N	P=0.017*	P=0.021*	P=0.178N
ORDER RESTRICTED	P=0.124N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.183N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Lung
 Alveolar/Bronchiolar Adenoma

TUMOR RATES

OVERALL (a)	2/50 (4%)	2/49 (4%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	2/45.41	2/46.72	2/45.12	3/30.45
POLY-3 PERCENT (g)	4.4%	4.3%	4.4%	9.9%
TERMINAL (d)	2/39 (5%)	2/42 (5%)	0/32 (0%)	3/22 (14%)
FIRST INCIDENCE	727 (T)	727 (T)	649	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.158	P=0.668N	P=0.645	P=0.251
POLY 3	P=0.246	P=0.683N	P=0.692	P=0.328
POLY 1.5	P=0.276	P=0.688N	P=0.693N	P=0.370
POLY 6	P=0.227	P=0.679N	P=0.684	P=0.302
LOGISTIC REGRESSION	P=0.202	P=0.668N	P=0.695	P=0.251
COCH-ARM / FISHERS	P=0.390	P=0.684	P=0.691N	P=0.500
ORDER RESTRICTED	P=0.272	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.339	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Lung
 Alveolar/Bronchiolar Carcinoma

TUMOR RATES

OVERALL (a)	1/50 (2%)	3/49 (6%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/45.41	3/46.72	1/44.69	0/30.45
POLY-3 PERCENT (g)	2.2%	6.4%	2.2%	0%
TERMINAL (d)	1/39 (3%)	3/42 (7%)	1/32 (3%)	0/22 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.345N	P=0.332	P=0.717	P=0.614N
POLY 3	P=0.299N	P=0.316	P=0.757	P=0.577N
POLY 1.5	P=0.272N	P=0.311	P=0.760	P=0.557N
POLY 6	P=0.320N	P=0.320	P=0.751	P=0.589N
LOGISTIC REGRESSION	P=0.345N	P=0.332	P=0.717	(e)
COCH-ARM / FISHERS	P=0.199N	P=0.301	P=0.753N	P=0.500N
ORDER RESTRICTED	P=0.254N	(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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Lung
 Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma

TUMOR RATES

OVERALL (a)	3/50 (6%)	5/49 (10%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	3/45.41	5/46.72	3/45.12	3/30.45
POLY-3 PERCENT (g)	6.6%	10.7%	6.7%	9.9%
TERMINAL (d)	3/39 (8%)	5/42 (12%)	1/32 (3%)	3/22 (14%)
FIRST INCIDENCE	727 (T)	727 (T)	649	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.357	P=0.397	P=0.589	P=0.383
POLY 3	P=0.461	P=0.372	P=0.659	P=0.470
POLY 1.5	P=0.516	P=0.365	P=0.661N	P=0.521
POLY 6	P=0.424	P=0.379	P=0.650	P=0.437
LOGISTIC REGRESSION	P=0.422	P=0.397	P=0.658	P=0.383
COCH-ARM / FISHERS	P=0.459N	P=0.346	P=0.661N	P=0.661N
ORDER RESTRICTED	P=0.510	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.552	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Ovary
 Cystadenoma

TUMOR RATES

OVERALL (a)	3/50 (6%)	4/48 (8%)	2/49 (4%)	2/48 (4%)
POLY-3 RATE (b)	3/45.41	4/45.93	2/43.97	2/29.25
POLY-3 PERCENT (g)	6.6%	8.7%	4.6%	6.8%
TERMINAL (d)	3/39 (8%)	4/42 (10%)	1/31 (3%)	2/21 (10%)
FIRST INCIDENCE	727 (T)	727 (T)	654	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.559	P=0.541	P=0.587N	P=0.596
POLY 3	P=0.474N	P=0.506	P=0.515N	P=0.660
POLY 1.5	P=0.442N	P=0.498	P=0.509N	P=0.647N
POLY 6	P=0.498N	P=0.514	P=0.526N	P=0.633
LOGISTIC REGRESSION	P=0.567N	P=0.541	P=0.521N	P=0.596
COCH-ARM / FISHERS	P=0.332N	P=0.477	P=0.510N	P=0.520N
ORDER RESTRICTED	P=0.577N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.607N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 or Unspecified Site
 Adenoma**

TUMOR RATES

OVERALL (a)	2/49 (4%)	5/49 (10%)	4/47 (9%)	0/44 (0%)
POLY-3 RATE (b)	2/44.41	5/46.81	4/42.19	0/24.45
POLY-3 PERCENT (g)	4.5%	10.7%	9.5%	0%
TERMINAL (d)	2/38 (5%)	4/42 (10%)	3/30 (10%)	0/16 (0%)
FIRST INCIDENCE	727 (T)	703	626	---

STATISTICAL TESTS

LIFE TABLE	P=0.417N	P=0.259	P=0.253	P=0.442N
POLY 3	P=0.422N	P=0.238	P=0.313	P=0.385N
POLY 1.5	P=0.343N	P=0.232	P=0.319	P=0.349N
POLY 6	P=0.487N	P=0.244	P=0.303	P=0.409N
LOGISTIC REGRESSION	P=0.349N	P=0.244	P=0.308	(e)
COCH-ARM / FISHERS	P=0.166N	P=0.218	P=0.319	P=0.275N
ORDER RESTRICTED	P=0.211N	(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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Intermedia
 Adenoma**

TUMOR RATES

OVERALL (a)	2/49 (4%)	0/49 (0%)	0/47 (0%)	0/44 (0%)
POLY-3 RATE (b)	2/44.52	0/46.72	0/41.83	0/24.45
POLY-3 PERCENT (g)	4.5%	0%	0%	0%
TERMINAL (d)	1/38 (3%)	0/42 (0%)	0/30 (0%)	0/16 (0%)
FIRST INCIDENCE	700	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.165N	P=0.224N	P=0.281N	P=0.396N
POLY 3	P=0.091N	P=0.227N	P=0.251N	P=0.385N
POLY 1.5	P=0.100N	P=0.230N	P=0.247N	P=0.350N
POLY 6	P=0.093N	P=0.224N	P=0.258N	P=0.410N
LOGISTIC REGRESSION	P=0.152N	P=0.228N	P=0.253N	P=0.392N
COCH-ARM / FISHERS	P=0.123N	P=0.247N	P=0.258N	P=0.275N
ORDER RESTRICTED	P=0.130N	(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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Skin
 Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	3/49 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	3/47.6	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	6.3%	0%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	549	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.417N	P=0.134	(e)	(e)
POLY 3	P=0.379N	P=0.128	(e)	(e)
POLY 1.5	P=0.360N	P=0.124	(e)	(e)
POLY 6	P=0.395N	P=0.132	(e)	(e)
LOGISTIC REGRESSION	P=0.249N	P=0.065	(e)	(e)
COCH-ARM / FISHERS	P=0.311N	P=0.117	(e)	(e)
ORDER RESTRICTED	P=0.267N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.334N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Skin
 Fibrosarcoma**

TUMOR RATES

	#	#	#	#
OVERALL (a)	0/50 (0%)	2/49 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	2/47.38	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	4.2%	0%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	549	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.500N	P=0.252	(e)	(e)
POLY 3	P=0.447N	P=0.247	(e)	(e)
POLY 1.5	P=0.437N	P=0.242	(e)	(e)
POLY 6	P=0.458N	P=0.251	(e)	(e)
LOGISTIC REGRESSION	P=0.327N	P=0.149	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.242	(e)	(e)
ORDER RESTRICTED	P=0.346N	(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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Requested: 11/10/2006
 Time Report Requested: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Skin
 Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	3/49 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.41	3/47.6	0/44.69	0/30.45
POLY-3 PERCENT (g)	0%	6.3%	0%	0%
TERMINAL (d)	0/39 (0%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	---	549	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.417N	P=0.134	(e)	(e)
POLY 3	P=0.379N	P=0.128	(e)	(e)
POLY 1.5	P=0.360N	P=0.124	(e)	(e)
POLY 6	P=0.395N	P=0.132	(e)	(e)
LOGISTIC REGRESSION	P=0.249N	P=0.065	(e)	(e)
COCH-ARM / FISHERS	P=0.311N	P=0.117	(e)	(e)
ORDER RESTRICTED	P=0.267N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.334N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Spleen
 Hemangiosarcoma**

TUMOR RATES

OVERALL (a)	4/49 (8%)	2/49 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	4/45.23	2/46.72	1/44.71	0/30.45
POLY-3 PERCENT (g)	8.8%	4.3%	2.2%	0%
TERMINAL (d)	3/39 (8%)	2/42 (5%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	521	727 (T)	722	---

STATISTICAL TESTS

LIFE TABLE	P=0.072N	P=0.307N	P=0.230N	P=0.156N
POLY 3	P=0.046N*	P=0.322N	P=0.182N	P=0.131N
POLY 1.5	P=0.041N*	P=0.326N	P=0.176N	P=0.106N
POLY 6	P=0.050N*	P=0.321N	P=0.193N	P=0.149N
LOGISTIC REGRESSION	P=0.037N*	P=0.354N	P=0.175N	P=0.085N
COCH-ARM / FISHERS	P=0.028N*	P=0.339N	P=0.175N	P=0.056N
ORDER RESTRICTED	P=0.061N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.071N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**Stomach, Forestomach
 Squamous Cell Papilloma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/49 (2%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	2/45.41	1/46.72	0/44.69	3/30.45
POLY-3 PERCENT (g)	4.4%	2.1%	0%	9.9%
TERMINAL (d)	2/39 (5%)	1/42 (2%)	0/32 (0%)	3/22 (14%)
FIRST INCIDENCE	727 (T)	727 (T)	---	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.148	P=0.474N	P=0.283N	P=0.251
POLY 3	P=0.291	P=0.490N	P=0.241N	P=0.328
POLY 1.5	P=0.298	P=0.495N	P=0.238N	P=0.370
POLY 6	P=0.285	P=0.486N	P=0.247N	P=0.302
LOGISTIC REGRESSION	P=0.148	P=0.474N	(e)	P=0.251
COCH-ARM / FISHERS	P=0.340	P=0.508N	P=0.247N	P=0.500
ORDER RESTRICTED	P=0.079	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.135	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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
 Adenoma**

TUMOR RATES

OVERALL (a)	1/48 (2%)	6/49 (12%)	2/49 (4%)	0/47 (0%)
POLY-3 RATE (b)	1/43.6	6/46.72	2/43.83	0/28.92
POLY-3 PERCENT (g)	2.3%	12.8%	4.6%	0%
TERMINAL (d)	1/38 (3%)	6/42 (14%)	2/32 (6%)	0/22 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.302N	P=0.075	P=0.440	P=0.609N
POLY 3	P=0.285N	P=0.068	P=0.502	P=0.579N
POLY 1.5	P=0.243N	P=0.066	P=0.507	P=0.561N
POLY 6	P=0.317N	P=0.069	P=0.492	P=0.589N
LOGISTIC REGRESSION	P=0.302N	P=0.075	P=0.440	(e)
COCH-ARM / FISHERS	P=0.142N	P=0.059	P=0.508	P=0.505N
ORDER RESTRICTED	P=0.151N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.214N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	1/48 (2%)	6/49 (12%)	2/49 (4%)	0/47 (0%)
POLY-3 RATE (b)	1/43.6	6/46.72	2/43.83	0/28.92
POLY-3 PERCENT (g)	2.3%	12.8%	4.6%	0%
TERMINAL (d)	1/38 (3%)	6/42 (14%)	2/32 (6%)	0/22 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.302N	P=0.075	P=0.440	P=0.609N
POLY 3	P=0.285N	P=0.068	P=0.502	P=0.579N
POLY 1.5	P=0.243N	P=0.066	P=0.507	P=0.561N
POLY 6	P=0.317N	P=0.069	P=0.492	P=0.589N
LOGISTIC REGRESSION	P=0.302N	P=0.075	P=0.440	(e)
COCH-ARM / FISHERS	P=0.142N	P=0.059	P=0.508	P=0.505N
ORDER RESTRICTED	P=0.151N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.214N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Tooth
 Odontoma

TUMOR 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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG
Uterus Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/45.78	0/46.72	0/44.69	0/30.45
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	1/39 (3%)	0/42 (0%)	0/32 (0%)	0/22 (0%)
FIRST INCIDENCE	623	---	---	---
STATISTICAL TESTS				
LIFE TABLE	P=0.153N	P=0.229N	P=0.261N	P=0.360N
POLY 3	P=0.092N	P=0.233N	P=0.243N	P=0.338N
POLY 1.5	P=0.099N	P=0.235N	P=0.239N	P=0.309N
POLY 6	P=0.089N	P=0.231N	P=0.250N	P=0.357N
LOGISTIC REGRESSION	P=0.103N	P=0.261N	P=0.241N	P=0.284N
COCH-ARM / FISHERS	P=0.114N	P=0.253N	P=0.247N	P=0.247N
ORDER RESTRICTED	P=0.086N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.143N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females			
	0 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG
Uterus				
Polyp Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/49 (2%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/45.41	1/46.72	3/44.69	1/30.45
POLY-3 PERCENT (g)	2.2%	2.1%	6.7%	3.3%
TERMINAL (d)	1/39 (3%)	1/42 (2%)	3/32 (9%)	1/22 (5%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	727 (T)
STATISTICAL TESTS				
LIFE TABLE	P=0.335	P=0.745N	P=0.237	P=0.629
POLY 3	P=0.330	P=0.754N	P=0.299	P=0.664
POLY 1.5	P=0.385	P=0.757N	P=0.305	P=0.691
POLY 6	P=0.297	P=0.752N	P=0.289	P=0.646
LOGISTIC REGRESSION	P=0.335	P=0.745N	P=0.237	P=0.629
COCH-ARM / FISHERS	P=0.558	P=0.747	P=0.309	P=0.753N
ORDER RESTRICTED	P=0.403	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.460	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

Uterus
 Sarcoma Stromal or Polyp Stromal

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/49 (2%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	1/45.41	1/46.72	4/44.69	1/30.45
POLY-3 PERCENT (g)	2.2%	2.1%	9%	3.3%
TERMINAL (d)	1/39 (3%)	1/42 (2%)	4/32 (13%)	1/22 (5%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.288	P=0.745N	P=0.124	P=0.629
POLY 3	P=0.270	P=0.754N	P=0.174	P=0.664
POLY 1.5	P=0.331	P=0.757N	P=0.178	P=0.691
POLY 6	P=0.235	P=0.752N	P=0.165	P=0.646
LOGISTIC REGRESSION	P=0.288	P=0.745N	P=0.124	P=0.629
COCH-ARM / FISHERS	P=0.529	P=0.747	P=0.181	P=0.753N
ORDER RESTRICTED	P=0.301	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.368	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**All Organs
 Hemangioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	2/49 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.78	2/46.72	0/44.69	1/30.45
POLY-3 PERCENT (g)	4.4%	4.3%	0%	3.3%
TERMINAL (d)	1/39 (3%)	2/42 (5%)	0/32 (0%)	1/22 (5%)
FIRST INCIDENCE	623	727 (T)	---	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.465N	P=0.671N	P=0.261N	P=0.683N
POLY 3	P=0.322N	P=0.686N	P=0.243N	P=0.635N
POLY 1.5	P=0.319N	P=0.690N	P=0.239N	P=0.601N
POLY 6	P=0.329N	P=0.684N	P=0.250N	P=0.657N
LOGISTIC REGRESSION	P=0.394N	P=0.686	P=0.241N	P=0.619N
COCH-ARM / FISHERS	P=0.295N	P=0.684	P=0.247N	P=0.500N
ORDER RESTRICTED	P=0.386N	(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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**All Organs
 Hemangiosarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	5/50 (10%)	2/49 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	5/46.04	2/46.72	1/44.71	1/30.45
POLY-3 PERCENT (g)	10.9%	4.3%	2.2%	3.3%
TERMINAL (d)	4/39 (10%)	2/42 (5%)	0/32 (0%)	1/22 (5%)
FIRST INCIDENCE	521	727 (T)	722	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.155N	P=0.192N	P=0.146N	P=0.275N
POLY 3	P=0.085N	P=0.210N	P=0.108N	P=0.230N
POLY 1.5	P=0.079N	P=0.214N	P=0.104N	P=0.189N
POLY 6	P=0.090N	P=0.208N	P=0.116N	P=0.259N
LOGISTIC REGRESSION	P=0.096N	P=0.231N	P=0.103N	P=0.187N
COCH-ARM / FISHERS	P=0.059N	P=0.226N	P=0.102N	P=0.102N
ORDER RESTRICTED	P=0.116N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.135N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**All Organs
 Hemangiosarcoma or Hemangioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	7/50 (14%)	4/49 (8%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	7/46.41	4/46.72	1/44.71	2/30.45
POLY-3 PERCENT (g)	15.1%	8.6%	2.2%	6.6%
TERMINAL (d)	5/39 (13%)	4/42 (10%)	0/32 (0%)	2/22 (9%)
FIRST INCIDENCE	521	727 (T)	722	727 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.140N	P=0.228N	P=0.055N	P=0.285N
POLY 3	P=0.062N	P=0.257N	P=0.034N*	P=0.230N
POLY 1.5	P=0.056N	P=0.260N	P=0.032N*	P=0.178N
POLY 6	P=0.069N	P=0.257N	P=0.039N*	P=0.269N
LOGISTIC REGRESSION	P=0.076N	P=0.281N	P=0.033N*	P=0.176N
COCH-ARM / FISHERS	P=0.037N*	P=0.274N	P=0.030N*	P=0.080N
ORDER RESTRICTED	P=0.085N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.098N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 5-(HYDROXYMETHYL)-2-FURFURAL
 CAS Number: 67-47-0
 Pathologist: TOFT, J. - Blackshear, P.

Date Report Reqsted: 11/10/2006
 Time Report Reqsted: 9:09:40
 First Dose M/F: 08/09/01 / 08/08/01
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**All Organs
 Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type**

TUMOR RATES	#	#	#	#
OVERALL (a)	8/50 (16%)	6/49 (12%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	8/47.33	6/47.38	5/45.37	2/30.49
POLY-3 PERCENT (g)	16.9%	12.7%	11%	6.6%
TERMINAL (d)	5/39 (13%)	4/42 (10%)	2/32 (6%)	1/22 (5%)
FIRST INCIDENCE	230	603	654	718

STATISTICAL TESTS

LIFE TABLE	P=0.165N	P=0.348N	P=0.367N	P=0.199N
POLY 3	P=0.120N	P=0.386N	P=0.304N	P=0.173N
POLY 1.5	P=0.091N	P=0.393N	P=0.292N	P=0.127N
POLY 6	P=0.144N	P=0.378N	P=0.321N	P=0.208N
LOGISTIC REGRESSION	P=0.028N*	P=0.552N	P=0.301N	P=0.053N
COCH-ARM / FISHERS	P=0.033N*	P=0.403N	P=0.277N	P=0.046N*
ORDER RESTRICTED	P=0.168N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.193N	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**All Organs
 Benign Tumors**

TUMOR RATES

	#	#	#	#
OVERALL (a)	26/50 (52%)	33/49 (67%)	39/50 (78%)	17/50 (34%)
POLY-3 RATE (b)	26/45.89	33/46.94	39/47.79	17/30.65
POLY-3 PERCENT (g)	56.7%	70.3%	81.6%	55.5%
TERMINAL (d)	24/39 (62%)	31/42 (74%)	27/32 (84%)	16/22 (73%)
FIRST INCIDENCE	623	695	531	675

STATISTICAL TESTS

LIFE TABLE	P=0.093	P=0.204	P<0.001**	P=0.319
POLY 3	P=0.296	P=0.120	P=0.006**	P=0.552N
POLY 1.5	P=0.482N	P=0.111	P=0.005**	P=0.352N
POLY 6	P=0.157	P=0.125	P=0.005**	P=0.500
LOGISTIC REGRESSION	P=0.309	P=0.150	P=0.003**	P=0.461
COCH-ARM / FISHERS	P=0.018N*	P=0.088	P=0.006**	P=0.053N
ORDER RESTRICTED	P=0.151	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.220	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**All Organs
 Malignant Tumors**

TUMOR RATES

	#	#	#	#
OVERALL (a)	16/50 (32%)	15/49 (31%)	13/50 (26%)	8/50 (16%)
POLY-3 RATE (b)	16/48.77	15/48.26	13/45.92	8/31.78
POLY-3 PERCENT (g)	32.8%	31.1%	28.3%	25.2%
TERMINAL (d)	10/39 (26%)	10/42 (24%)	6/32 (19%)	4/22 (18%)
FIRST INCIDENCE	230	549	648	507

STATISTICAL TESTS

LIFE TABLE	P=0.403N	P=0.427N	P=0.497N	P=0.417N
POLY 3	P=0.255N	P=0.514N	P=0.401N	P=0.322N
POLY 1.5	P=0.173N	P=0.521N	P=0.372N	P=0.222N
POLY 6	P=0.315N	P=0.501N	P=0.434N	P=0.385N
LOGISTIC REGRESSION	P=0.054N	P=0.492	P=0.334N	P=0.095N
COCH-ARM / FISHERS	P=0.031N*	P=0.527N	P=0.330N	P=0.050N*
ORDER RESTRICTED	P=0.398N	(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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

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

**All Organs
 Malignant and Benign Tumors**

TUMOR RATES

	#	#	#	#
OVERALL (a)	34/50 (68%)	39/49 (80%)	42/50 (84%)	24/50 (48%)
POLY-3 RATE (b)	34/49.25	39/48.38	42/48.49	24/31.98
POLY-3 PERCENT (g)	69%	80.6%	86.6%	75.1%
TERMINAL (d)	26/39 (67%)	33/42 (79%)	27/32 (84%)	19/22 (86%)
FIRST INCIDENCE	230	549	531	507

STATISTICAL TESTS

LIFE TABLE	P=0.058	P=0.389	P=0.017*	P=0.180
POLY 3	P=0.163	P=0.137	P=0.028*	P=0.370
POLY 1.5	P=0.487	P=0.136	P=0.034*	P=0.524N
POLY 6	P=0.065	P=0.145	P=0.026*	P=0.215
LOGISTIC REGRESSION	P=0.541N	P=0.120	P=0.051	P=0.574N
COCH-ARM / FISHERS	P=0.007N**	P=0.140	P=0.050*	P=0.034N*
ORDER RESTRICTED	P=0.146	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.217	(e)	(e)	(e)

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

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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

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 ***