

TDMS No. 88148 - 07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 08/26/2008

Time Report Requested: 08:54:48

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

BSI_Request_F1_Rev_2

C Number: C88148C
Lock Date: 08/31/2005
Cage Range: ALL
Date Range: ALL
Reasons For Removal: 25022 ACCK 25021 TSAC 25020 NATD
25019 MSAC 25018 DACC
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.0.0c

TDMS No. 88148 - 07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
3,3',4,4'-Tetrachloroazobenzene
CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
Time Report Requested: 08:54:48
First Dose M/F: 02/04/03 / 02/03/03
Lab: BAT

HISTORICAL CONTROL STUDIES From October 2007 Report

SAME ROUTE

88105-04 -- Isoeugenol (GAVAGE CORN OIL)
99023-04 -- beta-Myrcene (GAVAGE CORN OIL)

ALL ROUTES

88138-04 -- Benzophenone (ORAL FEED)
99027-04 -- Chromium picolinate monohydrate (ORAL FEED)
05174-06 -- Cresols (ORAL FEED)
96011-06 -- Cumene (INHALATION AIR)
97003-08 -- 1,2-Dibromo-2,4-dicyanobutane (SKIN ETHANOL)
93020-08 -- Diisopropylcarbodiimide (SKIN ETHANOL)
88004-06 -- Divinylbenzene (INHALATION AIR)
88123-07 -- Formamide (GAVAGE WATER)
95011-06 -- 5-(Hydroxymethyl)-2-furfural (GAVAGE WATER)
88105-04 -- Isoeugenol (GAVAGE CORN OIL)
97006-02 -- Methyl isobutyl ketone (INHALATION AIR)
91005-08 -- Methylene blue trihydrate (GAVAGE METHYLCELLULOSE)
92012-06 -- 2-Methylimidazole (ORAL FEED)
92013-06 -- 4-Methylimidazole (ORAL FEED)
88006-04 -- alpha-Methylstyrene (INHALATION AIR)
99023-04 -- beta-Myrcene (GAVAGE CORN OIL)
97008-06 -- Propargyl alcohol (INHALATION AIR)
20114-06 -- Sodium dichromate dihydrate (VI) (ORAL WATER)
96001-06 -- Stoddard solvent (type IIC) (INHALATION AIR)
05109-14 -- Triethanolamine (SKIN ACETONE)
96019-06 -- Water disinfection byproducts (Bromochloroacetic acid) (ORAL WATER)
96018-04 -- Water disinfection byproducts (Bromodichloromethane) (ORAL WATER)
96017-06 -- Water disinfection byproducts (Dibromoacetic acid) (ORAL WATER)

TDMS No. 88148 - 07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
3,3',4,4'-Tetrachloroazobenzene
CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
Time Report Requested: 08:54:48
First Dose M/F: 02/04/03 / 02/03/03
Lab: BAT

HISTORICAL CONTROL STUDIES
From October 2007 Report

96015-06 -- Water disinfection byproducts (Dibromoacetonitrile) (ORAL WATER)
96010-04 -- Water disinfection byproducts (Sodium chlorate) (ORAL WATER)

TDMS No. 88148 - 07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
3,3',4,4'-Tetrachloroazobenzene
CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
Time Report Requested: 08:54:48
First Dose M/F: 02/04/03 / 02/03/03
Lab: BAT

**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
Adrenal Medulla
Bone Marrow
Brain
Clitoral/Preputial Gland
Heart
Islets, Pancreatic
Kidney
Liver
Lung
Ovary
Pancreas
Pituitary Gland
Salivary Glands
Spleen
Testes
Thymus
Thyroid Gland

TDMS No. 88148 - 07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
3,3',4,4'-Tetrachloroazobenzene
CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
Time Report Requested: 08:54:48
First Dose M/F: 02/04/03 / 02/03/03
Lab: BAT

SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF 3,3',4,4'-Tetrachloroazobenzene

MALE MICE

Organ

Liver

Lung

Stomach, Forestomach

Urethra

All Organs

Morphology

Hepatocellular Adenoma

Hepatocellular Carcinoma

Hepatocellular Carcinoma or Hepatoblastoma

Hepatocellular Carcinoma or Hepatocellular Adenoma

Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

Alveolar/Bronchiolar Adenoma

Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma

Squamous Cell Carcinoma

Squamous Cell Carcinoma or Papilloma Squamous

Carcinoma

Benign Tumors

Malignant Tumors

Malignant and Benign Tumors

FEMALE MICE

Organ

Harderian Gland

Intestine Small: Site Unspecified

Liver

Lung

Skin

Stomach, Forestomach

Urethra

Morphology

Adenoma

Carcinoma

Carcinoma or Adenoma

Hepatocellular Adenoma

Hepatocellular Carcinoma or Hepatocellular Adenoma

Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

Alveolar/Bronchiolar Carcinoma

Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma

Cystic Keratinizing Epithelioma

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

Histiocytoma

Fibrosarcoma

Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma

Squamous Cell Carcinoma

Carcinoma

TDMS No. 88148 - 07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
3,3',4,4'-Tetrachloroazobenzene
CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
Time Report Requested: 08:54:48
First Dose M/F: 02/04/03 / 02/03/03
Lab: BAT

SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF 3,3',4,4'-Tetrachloroazobenzene

All Organs

Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or
Undifferentiated Cell Type
Malignant Tumors
Malignant and Benign Tumors

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Adrenal Cortex
 Adenoma**

TUMOR RATES

OVERALL (a)	3/50 (6%)	1/50 (2%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/45.53	1/41.24	0/27.83	0/9.34
POLY-3 PERCENT (g)	6.6%	2.4%	0%	0%
TERMINAL (d)	3/35 (9%)	1/31 (3%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	---	---
HC TUMORS SAME RTE	5/100 (5%)			
HC TUMORS ALL RTES	74/1142 (7%)			

STATISTICAL TESTS

POLY 3	P=0.138N	P=0.341N	P=0.231N	P=0.496N
POLY 1.5	P=0.123N	P=0.330N	P=0.181N	P=0.328N
POLY 6	P=0.145N	P=0.354N	P=0.311N	P=0.620N
COCH-ARM / FISHERS	P=0.098N	P=0.309N	P=0.125N	P=0.121N
MAX-ISO-POLY-3	P=0.224N	P=0.191N	P=0.138N	P=0.357N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Harderian Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	6/50 (12%)	3/50 (6%)	1/49 (2%)	1/50 (2%)
POLY-3 RATE (b)	6/47.02	3/41.43	1/28.36	1/10.01
POLY-3 PERCENT (g)	12.8%	7.2%	3.5%	10%
TERMINAL (d)	2/35 (6%)	2/31 (7%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	486	680	567	505
HC TUMORS SAME RTE	17/100 (17%)			
HC TUMORS ALL RTEs	152/1149 (13%)			

STATISTICAL TESTS

POLY 3	P=0.224N	P=0.308N	P=0.189N	P=0.573N
POLY 1.5	P=0.157N	P=0.285N	P=0.124N	P=0.324N
POLY 6	P=0.258N	P=0.334N	P=0.304N	P=0.492
COCH-ARM / FISHERS	P=0.058N	P=0.243N	P=0.059N	P=0.056N
MAX-ISO-POLY-3	P=0.364N	P=0.212N	P=0.146N	P=0.454N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Intestine Small: Jejunum Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.53	0/41.24	1/28.04	0/9.34
POLY-3 PERCENT (g)	4.4%	0%	3.6%	0%
TERMINAL (d)	2/35 (6%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	728 (T)	---	673	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	14/1149 (1%)			

STATISTICAL TESTS

POLY 3	P=0.480N	P=0.260N	P=0.658N	P=0.576N
POLY 1.5	P=0.376N	P=0.252N	P=0.600N	P=0.445N
POLY 6	P=0.556N	P=0.268N	P=0.693	P=0.664N
COCH-ARM / FISHERS	P=0.271N	P=0.247N	P=0.508N	P=0.247N
MAX-ISO-POLY-3	P=0.579N	P=0.097N	P=0.444N	P=0.383N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Intestine Small: Site Unspecified
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	2/49 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/45.53	0/41.24	2/28.27	0/9.34
POLY-3 PERCENT (g)	4.4%	0%	7.1%	0%
TERMINAL (d)	2/35 (6%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	728 (T)	---	669	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	18/1149 (2%)			

STATISTICAL TESTS

POLY 3	P=0.536	P=0.260N	P=0.513	P=0.576N
POLY 1.5	P=0.505N	P=0.252N	P=0.584	P=0.445N
POLY 6	P=0.400	P=0.268N	P=0.419	P=0.664N
COCH-ARM / FISHERS	P=0.287N	P=0.247N	P=0.684	P=0.247N
MAX-ISO-POLY-3	P=0.601N	P=0.097N	P=0.347	P=0.383N
HISTCONT SAME RTE	P=0.403	(e)	P=0.200	(e)
HISTCONT ALL RTES	P=0.572	(e)	P=0.184	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Intestine Small: Site Unspecified
 Carcinoma or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/49 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/45.53	1/41.24	2/28.27	0/9.34
POLY-3 PERCENT (g)	4.4%	2.4%	7.1%	0%
TERMINAL (d)	2/35 (6%)	1/31 (3%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	669	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	27/1149 (2%)			

STATISTICAL TESTS

POLY 3	P=0.549	P=0.534N	P=0.513	P=0.576N
POLY 1.5	P=0.443N	P=0.523N	P=0.584	P=0.445N
POLY 6	P=0.367	P=0.546N	P=0.419	P=0.664N
COCH-ARM / FISHERS	P=0.211N	P=0.500N	P=0.684	P=0.247N
MAX-ISO-POLY-3	P=0.618N	P=0.318N	P=0.347	P=0.383N
HISTCONT SAME RTE	P=0.339	P=0.350	P=0.200	(e)
HISTCONT ALL RTES	P=0.655	P=1.000	P=0.305	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Islets, Pancreatic
 Carcinoma**

TUMOR RATES

OVERALL (a)	2/50 (4%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.34	0/41.24	0/27.83	0/9.34
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	609	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	1/1136 (0%)			

STATISTICAL TESTS

POLY 3	P=0.200N	P=0.264N	P=0.364N	P=0.578N
POLY 1.5	P=0.214N	P=0.255N	P=0.311N	P=0.448N
POLY 6	P=0.169N	P=0.275N	P=0.438N	P=0.665N
COCH-ARM / FISHERS	P=0.243N	P=0.247N	P=0.253N	P=0.247N
MAX-ISO-POLY-3	P=0.326N	P=0.101N	P=0.194N	P=0.385N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Islets, Pancreatic
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	2/50 (4%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.34	0/41.24	0/27.83	0/9.34
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	609	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	12/1136 (1%)			

STATISTICAL TESTS

POLY 3	P=0.200N	P=0.264N	P=0.364N	P=0.578N
POLY 1.5	P=0.214N	P=0.255N	P=0.311N	P=0.448N
POLY 6	P=0.169N	P=0.275N	P=0.438N	P=0.665N
COCH-ARM / FISHERS	P=0.243N	P=0.247N	P=0.253N	P=0.247N
MAX-ISO-POLY-3	P=0.326N	P=0.101N	P=0.194N	P=0.385N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Liver Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.94	2/41.5	0/27.83	0/9.34
POLY-3 PERCENT (g)	2.2%	4.8%	0%	0%
TERMINAL (d)	0/35 (0%)	1/31 (3%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	612	659	---	---
HC TUMORS SAME RTE	6/100 (6%)			
HC TUMORS ALL RTES	30/1146 (3%)			

STATISTICAL TESTS

POLY 3	P=0.396N	P=0.465	P=0.594N	P=0.710N
POLY 1.5	P=0.292N	P=0.476	P=0.559N	P=0.645N
POLY 6	P=0.552N	P=0.453	P=0.639N	P=0.748N
COCH-ARM / FISHERS	P=0.210N	P=0.500	P=0.505N	P=0.500N
MAX-ISO-POLY-3	P=0.617N	P=0.261	P=0.271N	P=0.417N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

Liver
 Hepatoblastoma

TUMOR RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/45.53	1/41.24	0/27.83	0/9.34
POLY-3 PERCENT (g)	4.4%	2.4%	0%	0%
TERMINAL (d)	2/35 (6%)	1/31 (3%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	---	---
HC TUMORS SAME RTE	7/100 (7%)			
HC TUMORS ALL RTES	43/1146 (4%)			

STATISTICAL TESTS

POLY 3	P=0.232N	P=0.534N	P=0.359N	P=0.576N
POLY 1.5	P=0.200N	P=0.523N	P=0.309N	P=0.445N
POLY 6	P=0.265N	P=0.546N	P=0.432N	P=0.664N
COCH-ARM / FISHERS	P=0.170N	P=0.500N	P=0.253N	P=0.247N
MAX-ISO-POLY-3	P=0.376N	P=0.318N	P=0.190N	P=0.383N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Liver
 Hepatocellular Adenoma**

TUMOR RATES

OVERALL (a)	22/50 (44%)	27/50 (54%)	17/49 (35%)	2/50 (4%)
POLY-3 RATE (b)	22/46.74	27/42.81	17/33.69	2/10.9
POLY-3 PERCENT (g)	47.1%	63.1%	50.5%	18.4%
TERMINAL (d)	17/35 (49%)	22/31 (71%)	3/5 (60%)	0/0 (0%)
FIRST INCIDENCE	609	552	437	381
HC TUMORS SAME RTE	50/100 (50%)			
HC TUMORS ALL RTEs	544/1146 (48%)			

STATISTICAL TESTS

POLY 3	P=0.231N	P=0.089	P=0.471	P=0.164N
POLY 1.5	P=0.004N**	P=0.122	P=0.516N	P=0.006N**
POLY 6	P=0.219	P=0.062	P=0.244	P=0.578N
COCH-ARM / FISHERS	P<0.001N**	P=0.212	P=0.229N	P<0.001N**
MAX-ISO-POLY-3	P=0.243N	P=0.066	P=0.394	P=0.188N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	17/50 (34%)	10/50 (20%)	8/49 (16%)	0/50 (0%)
POLY-3 RATE (b)	17/47.96	10/42.68	8/30.01	0/9.34
POLY-3 PERCENT (g)	35.5%	23.4%	26.7%	0%
TERMINAL (d)	9/35 (26%)	6/31 (19%)	1/5 (20%)	0/0 (0%)
FIRST INCIDENCE	563	524	533	---
HC TUMORS SAME RTE	22/100 (22%)			
HC TUMORS ALL RTES	317/1146 (28%)			

STATISTICAL TESTS

POLY 3	P=0.093N	P=0.153N	P=0.294N	P=0.130N
POLY 1.5	P=0.007N**	P=0.128N	P=0.147N	P=0.006N**
POLY 6	P=0.385N	P=0.186N	P=0.545N	P=0.445N
COCH-ARM / FISHERS	P<0.001N**	P=0.088N	P=0.036N*	P<0.001N**
MAX-ISO-POLY-3	P=0.151N	P=0.118N	P=0.257N	P=0.161N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Liver
 Hepatocellular Carcinoma or Hepatoblastoma**

TUMOR RATES

OVERALL (a)	19/50 (38%)	10/50 (20%)	8/49 (16%)	0/50 (0%)
POLY-3 RATE (b)	19/47.96	10/42.68	8/30.01	0/9.34
POLY-3 PERCENT (g)	39.6%	23.4%	26.7%	0%
TERMINAL (d)	11/35 (31%)	6/31 (19%)	1/5 (20%)	0/0 (0%)
FIRST INCIDENCE	563	524	533	---
HC TUMORS SAME RTE	27/100 (27%)			
HC TUMORS ALL RTEs	346/1146 (30%)			

STATISTICAL TESTS

POLY 3	P=0.047N*	P=0.075N	P=0.183N	P=0.104N
POLY 1.5	P=0.003N**	P=0.060N	P=0.075N	P=0.003N**
POLY 6	P=0.240N	P=0.096N	P=0.420N	P=0.429N
COCH-ARM / FISHERS	P<0.001N**	P=0.038N*	P=0.014N*	P<0.001N**
MAX-ISO-POLY-3	P=0.076N	P=0.057N	P=0.170N	P=0.139N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Liver
 Hepatocellular Carcinoma or Hepatocellular Adenoma**

TUMOR RATES

OVERALL (a)	34/50 (68%)	31/50 (62%)	20/49 (41%)	2/50 (4%)
POLY-3 RATE (b)	34/48.33	31/43.69	20/34.86	2/10.9
POLY-3 PERCENT (g)	70.4%	71%	57.4%	18.4%
TERMINAL (d)	24/35 (69%)	24/31 (77%)	4/5 (80%)	0/0 (0%)
FIRST INCIDENCE	563	524	437	381
HC TUMORS SAME RTE	61/100 (61%)			
HC TUMORS ALL RTES	729/1146 (64%)			

STATISTICAL TESTS

POLY 3	P=0.008N**	P=0.568	P=0.150N	P=0.016N*
POLY 1.5	P<0.001N**	P=0.519N	P=0.049N*	P<0.001N**
POLY 6	P=0.314N	P=0.464	P=0.423N	P=0.413N
COCH-ARM / FISHERS	P<0.001N**	P=0.338N	P=0.006N**	P<0.001N**
MAX-ISO-POLY-3	P=0.013N*	P=0.474	P=0.132N	P=0.041N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

Liver
 Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

TUMOR RATES

OVERALL (a)	34/50 (68%)	31/50 (62%)	20/49 (41%)	2/50 (4%)
POLY-3 RATE (b)	34/48.33	31/43.69	20/34.86	2/10.9
POLY-3 PERCENT (g)	70.4%	71%	57.4%	18.4%
TERMINAL (d)	24/35 (69%)	24/31 (77%)	4/5 (80%)	0/0 (0%)
FIRST INCIDENCE	563	524	437	381
HC TUMORS SAME RTE	64/100 (64%)			
HC TUMORS ALL RTES	740/1146 (65%)			

STATISTICAL TESTS

POLY 3	P=0.008N**	P=0.568	P=0.150N	P=0.016N*
POLY 1.5	P<0.001N**	P=0.519N	P=0.049N*	P<0.001N**
POLY 6	P=0.314N	P=0.464	P=0.423N	P=0.413N
COCH-ARM / FISHERS	P<0.001N**	P=0.338N	P=0.006N**	P<0.001N**
MAX-ISO-POLY-3	P=0.013N*	P=0.474	P=0.132N	P=0.041N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Lung
 Alveolar/Bronchiolar Adenoma**

TUMOR RATES

OVERALL (a)	5/50 (10%)	16/50 (32%)	12/49 (24%)	6/50 (12%)
POLY-3 RATE (b)	5/45.53	16/42.16	12/32.02	6/13.97
POLY-3 PERCENT (g)	11%	38%	37.5%	43%
TERMINAL (d)	5/35 (14%)	13/31 (42%)	1/5 (20%)	0/0 (0%)
FIRST INCIDENCE	728 (T)	574	470	357
HC TUMORS SAME RTE	14/100 (14%)			
HC TUMORS ALL RTEs	209/1148 (18%)			

STATISTICAL TESTS

POLY 3	P=0.014*	P=0.002**	P=0.006**	P=0.037*
POLY 1.5	P=0.187	P=0.003**	P=0.013*	P=0.123
POLY 6	P<0.001**	P=0.002**	P=0.002**	P=0.013*
COCH-ARM / FISHERS	P=0.175N	P=0.006**	P=0.049*	P=0.500
MAX-ISO-POLY-3	P=0.022*	P<0.001**	P=0.007**	P=0.061
HISTCONT SAME RTE	P=0.029*	P=0.002**	P=0.009**	P=0.084
HISTCONT ALL RTEs	P=0.025*	P=0.002**	P=0.007**	P=0.068

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Lung
 Alveolar/Bronchiolar Carcinoma**

TUMOR RATES

OVERALL (a)	3/50 (6%)	1/50 (2%)	4/49 (8%)	0/50 (0%)
POLY-3 RATE (b)	3/45.71	1/41.43	4/28.55	0/9.34
POLY-3 PERCENT (g)	6.6%	2.4%	14%	0%
TERMINAL (d)	2/35 (6%)	0/31 (0%)	2/5 (40%)	0/0 (0%)
FIRST INCIDENCE	682	680	590	---
HC TUMORS SAME RTE	7/100 (7%)			
HC TUMORS ALL RTES	115/1148 (10%)			

STATISTICAL TESTS

POLY 3	P=0.352	P=0.341N	P=0.265	P=0.496N
POLY 1.5	P=0.498N	P=0.330N	P=0.348	P=0.329N
POLY 6	P=0.140	P=0.353N	P=0.174	P=0.620N
COCH-ARM / FISHERS	P=0.155N	P=0.309N	P=0.489	P=0.121N
MAX-ISO-POLY-3	P=0.556N	P=0.190N	P=0.198	P=0.357N
HISTCONT SAME RTE	P=0.690	P=1.000	P=0.278	(e)
HISTCONT ALL RTES	P=0.660	P=1.000	P=0.241	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Lung
 Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma**

TUMOR RATES

OVERALL (a)	7/50 (14%)	17/50 (34%)	15/49 (31%)	6/50 (12%)
POLY-3 RATE (b)	7/45.71	17/42.34	15/32.74	6/13.97
POLY-3 PERCENT (g)	15.3%	40.2%	45.8%	43%
TERMINAL (d)	6/35 (17%)	13/31 (42%)	2/5 (40%)	0/0 (0%)
FIRST INCIDENCE	682	574	470	357
HC TUMORS SAME RTE	20/100 (20%)			
HC TUMORS ALL RTEs	309/1148 (27%)			

STATISTICAL TESTS

POLY 3	P=0.014*	P=0.007**	P=0.003**	P=0.081
POLY 1.5	P=0.234	P=0.009**	P=0.008**	P=0.244
POLY 6	P<0.001**	P=0.005**	P<0.001**	P=0.028*
COCH-ARM / FISHERS	P=0.090N	P=0.017*	P=0.040*	P=0.500N
MAX-ISO-POLY-3	P=0.022*	P=0.004**	P=0.004**	P=0.106
HISTCONT SAME RTE	P=0.029*	P=0.005**	P=0.004**	P=0.149
HISTCONT ALL RTEs	P=0.025*	P=0.004**	P=0.004**	P=0.124

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

Lung
 Cystic Keratinizing Epithelioma

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.53	0/41.24	0/27.83	0/9.34
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	0/1148 (0%)			

STATISTICAL TESTS

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Pituitary Gland: Pars Distalis or Unspecified Site
 Adenoma**

TUMOR RATES

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/48 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.6	0/41.24	0/26.83	0/9.34
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/31 (0%)	0/4 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/99 (0%)			
HC TUMORS ALL RTES	3/1119 (0%)			

STATISTICAL TESTS

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Skeletal Muscle				
Rhabdomyosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.53	0/41.24	0/27.83	0/9.34
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	1/1149 (0%)			

STATISTICAL TESTS

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.64	0/41.24	0/27.83	0/9.34
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	700	---	---	---
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	14/1149 (1%)			

STATISTICAL TESTS

POLY 3	P=0.384N	P=0.520N	P=0.593N	P=0.709N
POLY 1.5	P=0.392N	P=0.514N	P=0.558N	P=0.644N
POLY 6	P=0.363N	P=0.527N	P=0.638N	P=0.748N
COCH-ARM / FISHERS	P=0.474N	P=0.500N	P=0.505N	P=0.500N
MAX-ISO-POLY-3	P=0.601N	P=0.183N	P=0.270N	P=0.417N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Skin				
Fibrosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.64	0/41.24	0/27.83	0/9.34
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	700	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	0/1149 (0%)			

STATISTICAL TESTS

POLY 3	P=0.384N	P=0.520N	P=0.593N	P=0.709N
POLY 1.5	P=0.392N	P=0.514N	P=0.558N	P=0.644N
POLY 6	P=0.363N	P=0.527N	P=0.638N	P=0.748N
COCH-ARM / FISHERS	P=0.474N	P=0.500N	P=0.505N	P=0.500N
MAX-ISO-POLY-3	P=0.601N	P=0.183N	P=0.270N	P=0.417N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.64	0/41.24	0/27.83	0/9.34
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	700	---	---	---
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	11/1149 (1%)			

STATISTICAL TESTS

POLY 3	P=0.384N	P=0.520N	P=0.593N	P=0.709N
POLY 1.5	P=0.392N	P=0.514N	P=0.558N	P=0.644N
POLY 6	P=0.363N	P=0.527N	P=0.638N	P=0.748N
COCH-ARM / FISHERS	P=0.474N	P=0.500N	P=0.505N	P=0.500N
MAX-ISO-POLY-3	P=0.601N	P=0.183N	P=0.270N	P=0.417N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Skin
 Schwannoma Malignant**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.53	0/41.24	0/27.83	0/9.34
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	1/1149 (0%)			

STATISTICAL TESTS

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Spleen
 Hemangiosarcoma**

TUMOR RATES

OVERALL (a)	2/50 (4%)	0/50 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/45.53	0/41.24	0/27.83	0/9.1
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	2/35 (6%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	728 (T)	---	---	---
HC TUMORS SAME RTE	1/99 (1%)			
HC TUMORS ALL RTES	21/1136 (2%)			

STATISTICAL TESTS

POLY 3	P=0.201N	P=0.260N	P=0.359N	P=0.579N
POLY 1.5	P=0.215N	P=0.252N	P=0.309N	P=0.451N
POLY 6	P=0.167N	P=0.268N	P=0.432N	P=0.666N
COCH-ARM / FISHERS	P=0.245N	P=0.247N	P=0.253N	P=0.253N
MAX-ISO-POLY-3	P=0.327N	P=0.097N	P=0.190N	P=0.385N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Stomach, Forestomach
 Squamous Cell Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/49 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/45.53	1/42.06	1/28.32	3/11.67
POLY-3 PERCENT (g)	0%	2.4%	3.5%	25.7%
TERMINAL (d)	0/35 (0%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	---	416	584	376
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	3/1149 (0%)			

STATISTICAL TESTS

POLY 3	P=0.012*	P=0.484	P=0.410	P=0.023*
POLY 1.5	P=0.016*	P=0.489	P=0.443	P=0.039*
POLY 6	P=0.018*	P=0.479	P=0.367	P=0.016*
COCH-ARM / FISHERS	P=0.065	P=0.500	P=0.495	P=0.121
MAX-ISO-POLY-3	P=0.019*	P=0.158	P=0.156	P=0.032*
HISTCONT SAME RTE	P=0.024*	P=0.123	P=0.179	P=0.043*
HISTCONT ALL RTES	P=0.014*	P=0.054	P=0.055	P=0.034*

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Stomach, Forestomach
 Squamous Cell Carcinoma or Papilloma Squamous**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/49 (2%)	3/50 (6%)
POLY-3 RATE (b)	1/45.53	1/42.06	1/28.32	3/11.67
POLY-3 PERCENT (g)	2.2%	2.4%	3.5%	25.7%
TERMINAL (d)	1/35 (3%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	728 (T)	416	584	376
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	13/1149 (1%)			

STATISTICAL TESTS

POLY 3	P=0.043*	P=0.743	P=0.645	P=0.062
POLY 1.5	P=0.055	P=0.748	P=0.692	P=0.115
POLY 6	P=0.064	P=0.737	P=0.577	P=0.040*
COCH-ARM / FISHERS	P=0.157	P=0.753N	P=0.747	P=0.309
MAX-ISO-POLY-3	P=0.070	P=0.477	P=0.391	P=0.072
HISTCONT SAME RTE	P=0.093	P=0.172	P=0.203	P=0.101
HISTCONT ALL RTES	P=0.045*	P=0.393	P=0.316	P=0.067

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Stomach, Forestomach Squamous Cell Papilloma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/45.53	0/41.24	0/27.83	1/10.2
POLY-3 PERCENT (g)	2.2%	0%	0%	9.8%
TERMINAL (d)	1/35 (3%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	728 (T)	---	---	376
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTEs	11/1149 (1%)			

STATISTICAL TESTS

POLY 3	P=0.483	P=0.520N	P=0.593N	P=0.435
POLY 1.5	P=0.420	P=0.513N	P=0.558N	P=0.561
POLY 6	P=0.652N	P=0.526N	P=0.637N	P=0.348
COCH-ARM / FISHERS	P=0.536	P=0.500N	P=0.505N	P=0.753N
MAX-ISO-POLY-3	P=0.293	P=0.182N	P=0.270N	P=0.289
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Thyroid Gland: Follicular Cell
 Adenoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.53	0/41.24	0/27.83	0/9.34
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	19/1142 (2%)			

STATISTICAL TESTS

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Thyroid Gland: Follicular Cell
 Carcinoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.53	1/41.24	0/27.83	0/9.34
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/35 (0%)	1/31 (3%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	---	728 (T)	---	---
HC TUMORS SAME RTE	2/100 (2%)			
HC TUMORS ALL RTES	3/1142 (0%)			

STATISTICAL TESTS

POLY 3	P=0.692N	P=0.480	(e)	(e)
POLY 1.5	P=0.589N	P=0.487	(e)	(e)
POLY 6	P=0.647	P=0.474	(e)	(e)
COCH-ARM / FISHERS	P=0.576N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.667	P=0.158	(e)	(e)
HISTCONT SAME RTE	(h)	(h)	(e)	(e)
HISTCONT ALL RTES	(h)	(h)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Thyroid Gland: Follicular Cell
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.53	1/41.24	0/27.83	0/9.34
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/35 (0%)	1/31 (3%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	---	728 (T)	---	---
HC TUMORS SAME RTE	2/100 (2%)			
HC TUMORS ALL RTES	22/1142 (2%)			

STATISTICAL TESTS

POLY 3	P=0.692N	P=0.480	(e)	(e)
POLY 1.5	P=0.589N	P=0.487	(e)	(e)
POLY 6	P=0.647	P=0.474	(e)	(e)
COCH-ARM / FISHERS	P=0.576N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.667	P=0.158	(e)	(e)
HISTCONT SAME RTE	(h)	(h)	(e)	(e)
HISTCONT ALL RTES	(h)	(h)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Urethra Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	32/50 (64%)	46/49 (94%)	49/50 (98%)
POLY-3 RATE (b)	0/45.53	32/45.27	46/46.14	49/49.04
POLY-3 PERCENT (g)	0%	70.7%	99.7%	99.9%
TERMINAL (d)	0/35 (0%)	21/31 (68%)	5/5 (100%)	0/0 (0%)
FIRST INCIDENCE	---	380	358	206
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	0/1149 (0%)			

STATISTICAL TESTS

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**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT ALL RTES	P<0.001**	P<0.001**	P<0.001**	P<0.001**

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	2/50 (4%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/45.94	2/41.5	0/27.83	0/9.34
POLY-3 PERCENT (g)	6.5%	4.8%	0%	0%
TERMINAL (d)	2/35 (6%)	1/31 (3%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	612	659	---	---
HC TUMORS SAME RTE	10/100 (10%)			
HC TUMORS ALL RTES	67/1149 (6%)			

STATISTICAL TESTS

POLY 3	P=0.157N	P=0.546N	P=0.234N	P=0.497N
POLY 1.5	P=0.117N	P=0.531N	P=0.183N	P=0.330N
POLY 6	P=0.208N	P=0.561N	P=0.316N	P=0.620N
COCH-ARM / FISHERS	P=0.072N	P=0.500N	P=0.125N	P=0.121N
MAX-ISO-POLY-3	P=0.255N	P=0.371N	P=0.140N	P=0.358N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**All Organs
 Hemangiosarcoma or Hemangioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	2/50 (4%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/45.94	2/41.5	0/27.83	0/9.34
POLY-3 PERCENT (g)	6.5%	4.8%	0%	0%
TERMINAL (d)	2/35 (6%)	1/31 (3%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	612	659	---	---
HC TUMORS SAME RTE	10/100 (10%)			
HC TUMORS ALL RTES	76/1149 (7%)			

STATISTICAL TESTS

POLY 3	P=0.157N	P=0.546N	P=0.234N	P=0.497N
POLY 1.5	P=0.117N	P=0.531N	P=0.183N	P=0.330N
POLY 6	P=0.208N	P=0.561N	P=0.316N	P=0.620N
COCH-ARM / FISHERS	P=0.072N	P=0.500N	P=0.125N	P=0.121N
MAX-ISO-POLY-3	P=0.255N	P=0.371N	P=0.140N	P=0.358N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
All Organs				
Histiocytic Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.53	1/41.75	0/27.83	0/9.34
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/35 (0%)	0/31 (0%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	---	574	---	---
HC TUMORS SAME RTE	0/100 (0%)			
HC TUMORS ALL RTES	7/1149 (1%)			

STATISTICAL TESTS

POLY 3	P=0.692N	P=0.483	(e)	(e)
POLY 1.5	P=0.588N	P=0.488	(e)	(e)
POLY 6	P=0.646	P=0.478	(e)	(e)
COCH-ARM / FISHERS	P=0.576N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.668	P=0.158	(e)	(e)
HISTCONT SAME RTE	(h)	(h)	(e)	(e)
HISTCONT ALL RTES	(h)	(h)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.95	1/41.24	0/27.83	0/9.34
POLY-3 PERCENT (g)	2.2%	2.4%	0%	0%
TERMINAL (d)	0/35 (0%)	1/31 (3%)	0/5 (0%)	0/0 (0%)
FIRST INCIDENCE	609	728 (T)	---	---
HC TUMORS SAME RTE	1/100 (1%)			
HC TUMORS ALL RTES	34/1149 (3%)			

STATISTICAL TESTS

POLY 3	P=0.395N	P=0.736	P=0.595N	P=0.710N
POLY 1.5	P=0.333N	P=0.744	P=0.559N	P=0.645N
POLY 6	P=0.482N	P=0.727	P=0.639N	P=0.748N
COCH-ARM / FISHERS	P=0.303N	P=0.753N	P=0.505N	P=0.500N
MAX-ISO-POLY-3	P=0.617N	P=0.470	P=0.271N	P=0.417N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	30/50 (60%)	32/50 (64%)	24/49 (49%)	10/50 (20%)
POLY-3 RATE (b)	30/48.04	32/43.68	24/37.06	10/17.06
POLY-3 PERCENT (g)	62.4%	73.3%	64.8%	58.6%
TERMINAL (d)	22/35 (63%)	24/31 (77%)	3/5 (60%)	0/0 (0%)
FIRST INCIDENCE	486	552	437	357
HC TUMORS SAME RTE	66/100 (66%)			
HC TUMORS ALL RTEs	753/1149 (66%)			

STATISTICAL TESTS

POLY 3	P=0.402N	P=0.181	P=0.503	P=0.504N
POLY 1.5	P=0.024N*	P=0.248	P=0.490N	P=0.054N
POLY 6	P=0.162	P=0.131	P=0.295	P=0.224
COCH-ARM / FISHERS	P<0.001N**	P=0.418	P=0.184N	P<0.001N**
MAX-ISO-POLY-3	P=0.540N	P=0.137	P=0.417	P=0.427N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	28/50 (56%)	42/50 (84%)	46/49 (94%)	49/50 (98%)
POLY-3 RATE (b)	28/49.07	42/47.15	46/46.14	49/49.04
POLY-3 PERCENT (g)	57.1%	89.1%	99.7%	99.9%
TERMINAL (d)	16/35 (46%)	27/31 (87%)	5/5 (100%)	0/0 (0%)
FIRST INCIDENCE	563	380	358	206
HC TUMORS SAME RTE	50/100 (50%)			
HC TUMORS ALL RTES	582/1149 (51%)			

STATISTICAL TESTS

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**
COCH-ARM / FISHERS	P<0.001**	P=0.002**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT SAME RTE	P<0.001**	P<0.001**	P<0.001**	P<0.001**
HISTCONT ALL RTES	P<0.001**	P<0.001**	P<0.001**	P<0.001**

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

DOSE	Males			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	41/50 (82%)	45/50 (90%)	46/49 (94%)	49/50 (98%)
POLY-3 RATE (b)	41/49.96	45/47.71	46/46.14	49/49.04
POLY-3 PERCENT (g)	82.1%	94.3%	99.7%	99.9%
TERMINAL (d)	27/35 (77%)	29/31 (94%)	5/5 (100%)	0/0 (0%)
FIRST INCIDENCE	486	380	358	206
HC TUMORS SAME RTE	86/100 (86%)			
HC TUMORS ALL RTES	976/1149 (85%)			

STATISTICAL TESTS

POLY 3	P=0.002**	P=0.055	P=0.003**	P=0.002**
POLY 1.5	P=0.002**	P=0.080	P=0.005**	P=0.003**
POLY 6	P=0.002**	P=0.041*	P=0.003**	P=0.002**
COCH-ARM / FISHERS	P=0.011*	P=0.194	P=0.065	P=0.008**
MAX-ISO-POLY-3	P<0.001**	P=0.030*	P<0.001**	P<0.001**
HISTCONT SAME RTE	P<0.001**	P=0.040*	P=0.002**	P<0.001**
HISTCONT ALL RTES	P<0.001**	P=0.031*	P=0.002**	P<0.001**

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Adrenal Cortex
 Adenoma**

TUMOR RATES

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.19	0/44.36	0/42.76	0/35.46
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	1/98 (1%)			
HC TUMORS ALL RTES	5/1244 (0%)			

STATISTICAL TESTS

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Harderian Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	14/50 (28%)	6/50 (12%)	9/50 (18%)	5/50 (10%)
POLY-3 RATE (b)	14/43.72	6/45.04	9/43.66	5/36.22
POLY-3 PERCENT (g)	32%	13.3%	20.6%	13.8%
TERMINAL (d)	12/35 (34%)	4/30 (13%)	7/32 (22%)	3/19 (16%)
FIRST INCIDENCE	569	596	477	541
HC TUMORS SAME RTE	7/99 (7%)			
HC TUMORS ALL RTES	128/1249 (10%)			

STATISTICAL TESTS

POLY 3	P=0.131N	P=0.029N*	P=0.165N	P=0.048N*
POLY 1.5	P=0.103N	P=0.030N*	P=0.163N	P=0.035N*
POLY 6	P=0.164N	P=0.030N*	P=0.172N	P=0.071N
COCH-ARM / FISHERS	P=0.058N	P=0.039N*	P=0.171N	P=0.020N*
MAX-ISO-POLY-3	P=0.055N	P=0.017N*	P=0.111N	P=0.038N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Intestine Small: Jejunum Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/42.78	0/44.36	0/42.76	1/35.63
POLY-3 PERCENT (g)	0%	0%	0%	2.8%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	---	688
HC TUMORS SAME RTE	1/99 (1%)			
HC TUMORS ALL RTES	4/1249 (0%)			

STATISTICAL TESTS

POLY 3	P=0.186	(e)	(e)	P=0.464
POLY 1.5	P=0.194	(e)	(e)	P=0.477
POLY 6	P=0.177	(e)	(e)	P=0.449
COCH-ARM / FISHERS	P=0.214	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.126	(e)	(e)	P=0.158
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Intestine Small: Site Unspecified
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.78	0/44.36	0/42.76	2/35.63
POLY-3 PERCENT (g)	0%	0%	0%	5.6%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	0/32 (0%)	1/19 (5%)
FIRST INCIDENCE	---	---	---	688
HC TUMORS SAME RTE	1/99 (1%)			
HC TUMORS ALL RTES	6/1249 (1%)			

STATISTICAL TESTS

POLY 3	P=0.032*	(e)	(e)	P=0.199
POLY 1.5	P=0.034*	(e)	(e)	P=0.212
POLY 6	P=0.030*	(e)	(e)	P=0.184
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.034*	(e)	(e)	P=0.075
HISTCONT SAME RTE	P=0.045*	(e)	(e)	P=0.105
HISTCONT ALL RTES	P=0.017*	(e)	(e)	P=0.012*

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Intestine Small: Site Unspecified
 Carcinoma or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.78	0/44.36	0/42.76	2/35.63
POLY-3 PERCENT (g)	0%	0%	0%	5.6%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	0/32 (0%)	1/19 (5%)
FIRST INCIDENCE	---	---	---	688
HC TUMORS SAME RTE	1/99 (1%)			
HC TUMORS ALL RTES	9/1249 (1%)			

STATISTICAL TESTS

POLY 3	P=0.032*	(e)	(e)	P=0.199
POLY 1.5	P=0.034*	(e)	(e)	P=0.212
POLY 6	P=0.030*	(e)	(e)	P=0.184
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.034*	(e)	(e)	P=0.075
HISTCONT SAME RTE	P=0.045*	(e)	(e)	P=0.105
HISTCONT ALL RTES	P=0.039*	(e)	(e)	P=0.034*

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Islets, Pancreatic
 Carcinoma**

TUMOR RATES

OVERALL (a)	1/49 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/42.26	0/44.36	0/42.76	0/35.46
POLY-3 PERCENT (g)	2.4%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	716	---	---	---
HC TUMORS SAME RTE	0/97 (0%)			
HC TUMORS ALL RTES	4/1228 (0%)			

STATISTICAL TESTS

POLY 3	P=0.466N	P=0.490N	P=0.498N	P=0.535N
POLY 1.5	P=0.472N	P=0.490N	P=0.496N	P=0.521N
POLY 6	P=0.456N	P=0.494N	P=0.501N	P=0.552N
COCH-ARM / FISHERS	P=0.473N	P=0.495N	P=0.495N	P=0.495N
MAX-ISO-POLY-3	P=0.191N	P=0.157N	P=0.157N	P=0.202N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Islets, Pancreatic
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	2/49 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/42.36	0/44.36	0/42.76	0/35.46
POLY-3 PERCENT (g)	4.7%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	705	---	---	---
HC TUMORS SAME RTE	0/97 (0%)			
HC TUMORS ALL RTES	16/1228 (1%)			

STATISTICAL TESTS

POLY 3	P=0.245N	P=0.227N	P=0.235N	P=0.279N
POLY 1.5	P=0.246N	P=0.226N	P=0.233N	P=0.261N
POLY 6	P=0.239N	P=0.231N	P=0.239N	P=0.302N
COCH-ARM / FISHERS	P=0.240N	P=0.242N	P=0.242N	P=0.242N
MAX-ISO-POLY-3	P=0.073N	P=0.075N	P=0.075N	P=0.116N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

Liver
 Hemangiosarcoma

TUMOR RATES

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.19	0/44.36	0/42.76	0/35.46
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/99 (0%)			
HC TUMORS ALL RTES	11/1245 (1%)			

STATISTICAL TESTS

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Liver				
Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.19	0/44.36	0/42.76	0/35.46
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME RTE	0/99 (0%)			
HC TUMORS ALL RTES	6/1245 (1%)			
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

Liver
 Hepatocellular Adenoma

TUMOR RATES

OVERALL (a)	3/49 (6%)	9/50 (18%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	3/42.44	9/44.84	3/43.14	3/35.75
POLY-3 PERCENT (g)	7.1%	20.1%	7%	8.4%
TERMINAL (d)	2/35 (6%)	7/30 (23%)	2/32 (6%)	2/19 (11%)
FIRST INCIDENCE	667	661	623	652
HC TUMORS SAME RTE	17/99 (17%)			
HC TUMORS ALL RTES	345/1245 (28%)			

STATISTICAL TESTS

POLY 3	P=0.312N	P=0.071	P=0.655N	P=0.581
POLY 1.5	P=0.276N	P=0.072	P=0.652N	P=0.615
POLY 6	P=0.356N	P=0.067	P=0.663N	P=0.539
COCH-ARM / FISHERS	P=0.214N	P=0.065	P=0.651N	P=0.651N
MAX-ISO-POLY-3	P=0.354N	P=0.040*	P=0.491N	P=0.419
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	2/49 (4%)	2/50 (4%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	2/42.26	2/44.57	1/42.76	2/35.46
POLY-3 PERCENT (g)	4.7%	4.5%	2.3%	5.6%
TERMINAL (d)	1/35 (3%)	1/30 (3%)	1/32 (3%)	2/19 (11%)
FIRST INCIDENCE	716	677	731 (T)	731 (T)
HC TUMORS SAME RTE	4/99 (4%)			
HC TUMORS ALL RTES	131/1245 (11%)			

STATISTICAL TESTS

POLY 3	P=0.544	P=0.675N	P=0.496N	P=0.629
POLY 1.5	P=0.570	P=0.674N	P=0.493N	P=0.656
POLY 6	P=0.514	P=0.680N	P=0.502N	P=0.595
COCH-ARM / FISHERS	P=0.624	P=0.684N	P=0.492N	P=0.684N
MAX-ISO-POLY-3	P=0.577	P=0.478N	P=0.277N	P=0.433
HISTCONT SAME RTE	P=0.606	P=0.651	P=1.000	P=0.504
HISTCONT ALL RTES	P=0.680	P=1.000	P=1.000	P=0.552

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Liver
 Hepatocellular Carcinoma or Hepatoblastoma**

TUMOR RATES

OVERALL (a)	2/49 (4%)	2/50 (4%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	2/42.26	2/44.57	1/42.76	2/35.46
POLY-3 PERCENT (g)	4.7%	4.5%	2.3%	5.6%
TERMINAL (d)	1/35 (3%)	1/30 (3%)	1/32 (3%)	2/19 (11%)
FIRST INCIDENCE	716	677	731 (T)	731 (T)
HC TUMORS SAME RTE	4/99 (4%)			
HC TUMORS ALL RTES	136/1245 (11%)			

STATISTICAL TESTS

POLY 3	P=0.544	P=0.675N	P=0.496N	P=0.629
POLY 1.5	P=0.570	P=0.674N	P=0.493N	P=0.656
POLY 6	P=0.514	P=0.680N	P=0.502N	P=0.595
COCH-ARM / FISHERS	P=0.624	P=0.684N	P=0.492N	P=0.684N
MAX-ISO-POLY-3	P=0.577	P=0.478N	P=0.277N	P=0.433
HISTCONT SAME RTE	P=0.606	P=0.651	P=1.000	P=0.504
HISTCONT ALL RTES	P=0.680	P=1.000	P=1.000	P=0.552

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Liver
 Hepatocellular Carcinoma or Hepatocellular Adenoma**

TUMOR RATES

OVERALL (a)	4/49 (8%)	11/50 (22%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	4/42.5	11/45.05	4/43.14	4/35.75
POLY-3 PERCENT (g)	9.4%	24.4%	9.3%	11.2%
TERMINAL (d)	2/35 (6%)	8/30 (27%)	3/32 (9%)	3/19 (16%)
FIRST INCIDENCE	667	661	623	652
HC TUMORS SAME RTE	20/99 (20%)			
HC TUMORS ALL RTES	419/1245 (34%)			

STATISTICAL TESTS

POLY 3	P=0.305N	P=0.055	P=0.636N	P=0.546
POLY 1.5	P=0.263N	P=0.056	P=0.631N	P=0.586
POLY 6	P=0.358N	P=0.051	P=0.643	P=0.495
COCH-ARM / FISHERS	P=0.194N	P=0.049*	P=0.631N	P=0.631N
MAX-ISO-POLY-3	P=0.344N	P=0.033*	P=0.490N	P=0.405
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

Liver
 Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

TUMOR RATES

OVERALL (a)	4/49 (8%)	11/50 (22%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	4/42.5	11/45.05	4/43.14	4/35.75
POLY-3 PERCENT (g)	9.4%	24.4%	9.3%	11.2%
TERMINAL (d)	2/35 (6%)	8/30 (27%)	3/32 (9%)	3/19 (16%)
FIRST INCIDENCE	667	661	623	652
HC TUMORS SAME RTE	20/99 (20%)			
HC TUMORS ALL RTES	421/1245 (34%)			

STATISTICAL TESTS

POLY 3	P=0.305N	P=0.055	P=0.636N	P=0.546
POLY 1.5	P=0.263N	P=0.056	P=0.631N	P=0.586
POLY 6	P=0.358N	P=0.051	P=0.643	P=0.495
COCH-ARM / FISHERS	P=0.194N	P=0.049*	P=0.631N	P=0.631N
MAX-ISO-POLY-3	P=0.344N	P=0.033*	P=0.490N	P=0.405
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Lung
 Alveolar/Bronchiolar Adenoma**

TUMOR RATES

OVERALL (a)	3/49 (6%)	6/50 (12%)	4/50 (8%)	7/50 (14%)
POLY-3 RATE (b)	3/42.44	6/44.47	4/43.54	7/36.36
POLY-3 PERCENT (g)	7.1%	13.5%	9.2%	19.3%
TERMINAL (d)	2/35 (6%)	5/30 (17%)	2/32 (6%)	4/19 (21%)
FIRST INCIDENCE	667	703	536	603
HC TUMORS SAME RTE	8/98 (8%)			
HC TUMORS ALL RTES	65/1248 (5%)			

STATISTICAL TESTS

POLY 3	P=0.117	P=0.265	P=0.514	P=0.100
POLY 1.5	P=0.140	P=0.268	P=0.516	P=0.120
POLY 6	P=0.096	P=0.254	P=0.508	P=0.079
COCH-ARM / FISHERS	P=0.199	P=0.254	P=0.511	P=0.167
MAX-ISO-POLY-3	P=0.109	P=0.168	P=0.361	P=0.066
HISTCONT SAME RTE	P=0.148	P=0.198	P=0.496	P=0.092
HISTCONT ALL RTES	P=0.008**	P=0.083	P=0.311	P=0.031*

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Lung
 Alveolar/Bronchiolar Carcinoma**

TUMOR RATES

OVERALL (a)	0/49 (0%)	2/50 (4%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	0/42.19	2/44.36	1/42.76	4/35.94
POLY-3 PERCENT (g)	0%	4.5%	2.3%	11.1%
TERMINAL (d)	0/35 (0%)	2/30 (7%)	1/32 (3%)	1/19 (5%)
FIRST INCIDENCE	---	731 (T)	731 (T)	648
HC TUMORS SAME RTE	2/98 (2%)			
HC TUMORS ALL RTES	47/1248 (4%)			

STATISTICAL TESTS

POLY 3	P=0.031*	P=0.248	P=0.503	P=0.042*
POLY 1.5	P=0.036*	P=0.249	P=0.504	P=0.049*
POLY 6	P=0.026*	P=0.244	P=0.499	P=0.035*
COCH-ARM / FISHERS	P=0.049*	P=0.253	P=0.505	P=0.061
MAX-ISO-POLY-3	P=0.022*	P=0.086	P=0.161	P=0.019*
HISTCONT SAME RTE	P=0.030*	P=0.121	P=0.226	P=0.025*
HISTCONT ALL RTES	P=0.025*	P=0.099	P=0.191	P=0.019*

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Lung
 Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma**

TUMOR RATES

OVERALL (a)	3/49 (6%)	8/50 (16%)	5/50 (10%)	10/50 (20%)
POLY-3 RATE (b)	3/42.44	8/44.47	5/43.54	10/36.67
POLY-3 PERCENT (g)	7.1%	18%	11.5%	27.3%
TERMINAL (d)	2/35 (6%)	7/30 (23%)	3/32 (9%)	5/19 (26%)
FIRST INCIDENCE	667	703	536	603
HC TUMORS SAME RTE	10/98 (10%)			
HC TUMORS ALL RTES	107/1248 (9%)			

STATISTICAL TESTS

POLY 3	P=0.028*	P=0.112	P=0.370	P=0.015*
POLY 1.5	P=0.038*	P=0.115	P=0.372	P=0.021*
POLY 6	P=0.021*	P=0.104	P=0.364	P=0.010**
COCH-ARM / FISHERS	P=0.068	P=0.106	P=0.369	P=0.039*
MAX-ISO-POLY-3	P=0.019*	P=0.065	P=0.244	P=0.011*
HISTCONT SAME RTE	P=0.025*	P=0.092	P=0.342	P=0.014*
HISTCONT ALL RTES	P=0.007**	P=0.074	P=0.301	P=0.011*

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Lung
 Cystic Keratinizing Epithelioma**

TUMOR RATES

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.19	0/44.36	0/42.76	2/35.63
POLY-3 PERCENT (g)	0%	0%	0%	5.6%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	0/32 (0%)	1/19 (5%)
FIRST INCIDENCE	---	---	---	688
HC TUMORS SAME RTE	0/98 (0%)			
HC TUMORS ALL RTES	0/1248 (0%)			

STATISTICAL TESTS

POLY 3	P=0.032*	(e)	(e)	P=0.201
POLY 1.5	P=0.035*	(e)	(e)	P=0.215
POLY 6	P=0.030*	(e)	(e)	P=0.186
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.253
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.076
HISTCONT SAME RTE	P=0.046*	(e)	(e)	P=0.106
HISTCONT ALL RTES	P<0.001**	(e)	(e)	P<0.001**

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Ovary
 Cystadenoma**

TUMOR RATES

OVERALL (a)	2/49 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/42.19	0/44.36	0/42.76	0/35.46
POLY-3 PERCENT (g)	4.7%	0%	0%	0%
TERMINAL (d)	2/35 (6%)	0/30 (0%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	731 (T)	---	---	---
HC TUMORS SAME RTE	5/98 (5%)			
HC TUMORS ALL RTES	46/1221 (4%)			

STATISTICAL TESTS

POLY 3	P=0.245N	P=0.226N	P=0.234N	P=0.278N
POLY 1.5	P=0.247N	P=0.225N	P=0.232N	P=0.261N
POLY 6	P=0.240N	P=0.229N	P=0.238N	P=0.300N
COCH-ARM / FISHERS	P=0.240N	P=0.242N	P=0.242N	P=0.242N
MAX-ISO-POLY-3	P=0.072N	P=0.074N	P=0.075N	P=0.115N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Pituitary Gland: Pars Distalis or Unspecified Site
 Adenoma**

TUMOR RATES

OVERALL (a)	1/49 (2%)	1/49 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/42.43	1/43.36	3/42.76	0/35.46
POLY-3 PERCENT (g)	2.4%	2.3%	7%	0%
TERMINAL (d)	0/35 (0%)	1/29 (3%)	3/32 (9%)	0/19 (0%)
FIRST INCIDENCE	669	731 (T)	731 (T)	---
HC TUMORS SAME RTE	5/97 (5%)			
HC TUMORS ALL RTES	97/1216 (8%)			

STATISTICAL TESTS

POLY 3	P=0.426N	P=0.756N	P=0.308	P=0.536N
POLY 1.5	P=0.394N	P=0.754N	P=0.312	P=0.521N
POLY 6	P=0.464N	P=0.760	P=0.300	P=0.553N
COCH-ARM / FISHERS	P=0.332N	P=0.753N	P=0.316	P=0.495N
MAX-ISO-POLY-3	P=0.307N	P=0.493N	P=0.156	P=0.203N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Skeletal Muscle				
Rhabdomyosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/43.33	0/44.36	0/42.76	0/35.46
POLY-3 PERCENT (g)	4.6%	0%	0%	0%
TERMINAL (d)	1/35 (3%)	0/30 (0%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	558	---	---	---
HC TUMORS SAME RTE	0/99 (0%)			
HC TUMORS ALL RTES	1/1249 (0%)			

STATISTICAL TESTS

POLY 3	P=0.246N	P=0.232N	P=0.240N	P=0.284N
POLY 1.5	P=0.248N	P=0.231N	P=0.238N	P=0.267N
POLY 6	P=0.241N	P=0.236N	P=0.244N	P=0.307N
COCH-ARM / FISHERS	P=0.242N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.079N	P=0.076N	P=0.079N	P=0.121N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	7/50 (14%)	6/50 (12%)	8/50 (16%)
POLY-3 RATE (b)	1/43.21	7/45.14	6/44.04	8/37.79
POLY-3 PERCENT (g)	2.3%	15.5%	13.6%	21.2%
TERMINAL (d)	0/35 (0%)	3/30 (10%)	3/32 (9%)	2/19 (11%)
FIRST INCIDENCE	606	661	477	477
HC TUMORS SAME RTE	5/99 (5%)			
HC TUMORS ALL RTES	53/1249 (4%)			

STATISTICAL TESTS

POLY 3	P=0.037*	P=0.034*	P=0.058	P=0.008**
POLY 1.5	P=0.046*	P=0.034*	P=0.058	P=0.010**
POLY 6	P=0.028*	P=0.034*	P=0.057	P=0.006**
COCH-ARM / FISHERS	P=0.075	P=0.030*	P=0.056	P=0.015*
MAX-ISO-POLY-3	P=0.016*	P=0.016*	P=0.026*	P=0.004**
HISTCONT SAME RTE	P=0.021*	P=0.021*	P=0.034*	P=0.006**
HISTCONT ALL RTES	P=0.002**	P=0.016*	P=0.026*	P=0.005**

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Skin
 Fibrosarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	6/50 (12%)	5/50 (10%)	8/50 (16%)
POLY-3 RATE (b)	1/43.21	6/45.05	5/44.04	8/37.79
POLY-3 PERCENT (g)	2.3%	13.3%	11.4%	21.2%
TERMINAL (d)	0/35 (0%)	3/30 (10%)	2/32 (6%)	2/19 (11%)
FIRST INCIDENCE	606	661	477	477
HC TUMORS SAME RTE	1/99 (1%)			
HC TUMORS ALL RTES	20/1249 (2%)			

STATISTICAL TESTS

POLY 3	P=0.023*	P=0.062	P=0.105	P=0.008**
POLY 1.5	P=0.028*	P=0.062	P=0.105	P=0.010**
POLY 6	P=0.018*	P=0.061	P=0.104	P=0.006**
COCH-ARM / FISHERS	P=0.047*	P=0.056	P=0.102	P=0.015*
MAX-ISO-POLY-3	P=0.012*	P=0.029*	P=0.048*	P=0.004**
HISTCONT SAME RTE	P=0.016*	P=0.039*	P=0.066	P=0.006**
HISTCONT ALL RTES	P<0.001**	P=0.006**	P=0.015*	P=0.003**

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	7/50 (14%)	5/50 (10%)	8/50 (16%)
POLY-3 RATE (b)	1/43.21	7/45.14	5/44.04	8/37.79
POLY-3 PERCENT (g)	2.3%	15.5%	11.4%	21.2%
TERMINAL (d)	0/35 (0%)	3/30 (10%)	2/32 (6%)	2/19 (11%)
FIRST INCIDENCE	606	661	477	477
HC TUMORS SAME RTE	5/99 (5%)			
HC TUMORS ALL RTES	53/1249 (4%)			

STATISTICAL TESTS

POLY 3	P=0.035*	P=0.034*	P=0.105	P=0.008**
POLY 1.5	P=0.043*	P=0.034*	P=0.105	P=0.010**
POLY 6	P=0.027*	P=0.034*	P=0.104	P=0.006**
COCH-ARM / FISHERS	P=0.069	P=0.030*	P=0.102	P=0.015*
MAX-ISO-POLY-3	P=0.014*	P=0.016*	P=0.048*	P=0.004**
HISTCONT SAME RTE	P=0.018*	P=0.021*	P=0.066	P=0.006**
HISTCONT ALL RTES	P=0.002**	P=0.016*	P=0.052	P=0.005**

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Skin				
Schwannoma Malignant				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	1/43.36	2/44.69	2/43.53	4/37.44
POLY-3 PERCENT (g)	2.3%	4.5%	4.6%	10.7%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	546	673	517	522
HC TUMORS SAME RTE	0/99 (0%)			
HC TUMORS ALL RTES	6/1249 (1%)			

STATISTICAL TESTS

POLY 3	P=0.089	P=0.511	P=0.501	P=0.137
POLY 1.5	P=0.099	P=0.511	P=0.502	P=0.150
POLY 6	P=0.079	P=0.506	P=0.498	P=0.123
COCH-ARM / FISHERS	P=0.126	P=0.500	P=0.500	P=0.181
MAX-ISO-POLY-3	P=0.103	P=0.292	P=0.282	P=0.072
HISTCONT SAME RTE	P=0.080	P=0.097	P=0.100	P=0.102
HISTCONT ALL RTES	P<0.001**	P=0.047*	P=0.046*	P=0.004**

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Spleen
 Hemangiosarcoma**

TUMOR RATES

OVERALL (a)	0/49 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.19	1/44.36	0/42.76	0/35.46
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/35 (0%)	1/30 (3%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	---	731 (T)	---	---
HC TUMORS SAME RTE	1/97 (1%)			
HC TUMORS ALL RTES	24/1230 (2%)			

STATISTICAL TESTS

POLY 3	P=0.576N	P=0.510	(e)	(e)
POLY 1.5	P=0.575N	P=0.511	(e)	(e)
POLY 6	P=0.578N	P=0.507	(e)	(e)
COCH-ARM / FISHERS	P=0.575N	P=0.505	(e)	(e)
MAX-ISO-POLY-3	P=0.453N	P=0.170	(e)	(e)
HISTCONT SAME RTE	(h)	(h)	(e)	(e)
HISTCONT ALL RTES	(h)	(h)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Stomach, Forestomach Squamous Cell Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	0/42.78	1/44.4	1/42.96	4/35.82
POLY-3 PERCENT (g)	0%	2.3%	2.3%	11.2%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	0/32 (0%)	2/19 (11%)
FIRST INCIDENCE	---	722	677	680
HC TUMORS SAME RTE	0/99 (0%)			
HC TUMORS ALL RTES	2/1249 (0%)			

STATISTICAL TESTS

POLY 3	P=0.011*	P=0.507	P=0.501	P=0.040*
POLY 1.5	P=0.013*	P=0.507	P=0.501	P=0.047*
POLY 6	P=0.009**	P=0.505	P=0.499	P=0.034*
COCH-ARM / FISHERS	P=0.019*	P=0.500	P=0.500	P=0.059
MAX-ISO-POLY-3	P=0.014*	P=0.168	P=0.160	P=0.018*
HISTCONT SAME RTE	P=0.018*	P=0.115	P=0.120	P=0.024*
HISTCONT ALL RTES	P<0.001**	P=0.021*	P=0.021*	P<0.001**

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Stomach, Forestomach
 Squamous Cell Carcinoma or Papilloma Squamous**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	2/50 (4%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	2/43.01	2/44.4	2/43.34	4/35.82
POLY-3 PERCENT (g)	4.7%	4.5%	4.6%	11.2%
TERMINAL (d)	1/35 (3%)	1/30 (3%)	0/32 (0%)	2/19 (11%)
FIRST INCIDENCE	669	722	623	680
HC TUMORS SAME RTE	2/99 (2%)			
HC TUMORS ALL RTES	22/1249 (2%)			

STATISTICAL TESTS

POLY 3	P=0.150	P=0.683N	P=0.691N	P=0.257
POLY 1.5	P=0.169	P=0.682N	P=0.691N	P=0.284
POLY 6	P=0.132	P=0.689N	P=0.694N	P=0.226
COCH-ARM / FISHERS	P=0.215	P=0.691N	P=0.691N	P=0.339
MAX-ISO-POLY-3	P=0.225	P=0.487N	P=0.496N	P=0.161
HISTCONT SAME RTE	P=0.080	P=0.188	P=0.184	P=0.123
HISTCONT ALL RTES	P<0.001**	P=0.170	P=0.165	P=0.010**

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Stomach, Forestomach
 Squamous Cell Papilloma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/43.01	1/44.36	1/43.14	0/35.46
POLY-3 PERCENT (g)	4.7%	2.3%	2.3%	0%
TERMINAL (d)	1/35 (3%)	1/30 (3%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	669	731 (T)	623	---
HC TUMORS SAME RTE	2/99 (2%)			
HC TUMORS ALL RTES	20/1249 (2%)			

STATISTICAL TESTS

POLY 3	P=0.232N	P=0.489N	P=0.499N	P=0.282N
POLY 1.5	P=0.220N	P=0.488N	P=0.498N	P=0.265N
POLY 6	P=0.243N	P=0.495N	P=0.502N	P=0.304N
COCH-ARM / FISHERS	P=0.194N	P=0.500N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.195N	P=0.274N	P=0.280N	P=0.119N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Thyroid Gland: Follicular Cell
 Adenoma**

TUMOR RATES

OVERALL (a)	0/49 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.19	2/44.79	0/42.76	0/35.46
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	---	673	---	---
HC TUMORS SAME RTE	1/98 (1%)			
HC TUMORS ALL RTES	29/1234 (2%)			

STATISTICAL TESTS

POLY 3	P=0.382N	P=0.251	(e)	(e)
POLY 1.5	P=0.375N	P=0.250	(e)	(e)
POLY 6	P=0.392N	P=0.248	(e)	(e)
COCH-ARM / FISHERS	P=0.367N	P=0.253	(e)	(e)
MAX-ISO-POLY-3	P=0.334N	P=0.088	(e)	(e)
HISTCONT SAME RTE	(h)	(h)	(e)	(e)
HISTCONT ALL RTES	(h)	(h)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Thyroid Gland: Follicular Cell
 Carcinoma**

TUMOR RATES

OVERALL (a)	2/49 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/42.43	0/44.36	0/42.76	1/35.46
POLY-3 PERCENT (g)	4.7%	0%	0%	2.8%
TERMINAL (d)	1/35 (3%)	0/30 (0%)	0/32 (0%)	1/19 (5%)
FIRST INCIDENCE	669	---	---	731 (T)
HC TUMORS SAME RTE	0/98 (0%)			
HC TUMORS ALL RTES	3/1234 (0%)			

STATISTICAL TESTS

POLY 3	P=0.663N	P=0.227N	P=0.235N	P=0.562N
POLY 1.5	P=0.662N	P=0.226N	P=0.233N	P=0.537N
POLY 6	P=0.660N	P=0.232N	P=0.240N	P=0.593N
COCH-ARM / FISHERS	P=0.647N	P=0.242N	P=0.242N	P=0.492N
MAX-ISO-POLY-3	P=0.208N	P=0.075N	P=0.075N	P=0.347N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**Thyroid Gland: Follicular Cell
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	2/49 (4%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/42.43	2/44.79	0/42.76	1/35.46
POLY-3 PERCENT (g)	4.7%	4.5%	0%	2.8%
TERMINAL (d)	1/35 (3%)	0/30 (0%)	0/32 (0%)	1/19 (5%)
FIRST INCIDENCE	669	673	---	731 (T)
HC TUMORS SAME RTE	1/98 (1%)			
HC TUMORS ALL RTES	32/1234 (3%)			

STATISTICAL TESTS

POLY 3	P=0.414N	P=0.675N	P=0.235N	P=0.562N
POLY 1.5	P=0.404N	P=0.674N	P=0.233N	P=0.537N
POLY 6	P=0.425N	P=0.680N	P=0.240N	P=0.593N
COCH-ARM / FISHERS	P=0.378N	P=0.684N	P=0.242N	P=0.492N
MAX-ISO-POLY-3	P=0.355N	P=0.477N	P=0.075N	P=0.347N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Urethra Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.78	0/44.36	0/42.76	2/35.64
POLY-3 PERCENT (g)	0%	0%	0%	5.6%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	---	---	---	688
HC TUMORS SAME RTE	0/99 (0%)			
HC TUMORS ALL RTEs	0/1249 (0%)			

STATISTICAL TESTS

POLY 3	P=0.032*	(e)	(e)	P=0.199
POLY 1.5	P=0.034*	(e)	(e)	P=0.212
POLY 6	P=0.030*	(e)	(e)	P=0.184
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.034*	(e)	(e)	P=0.075
HISTCONT SAME RTE	P=0.045*	(e)	(e)	P=0.105
HISTCONT ALL RTEs	P<0.001**	(e)	(e)	P<0.001**

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
Uterus				
Sarcoma Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.78	2/44.96	1/43.48	0/35.46
POLY-3 PERCENT (g)	0%	4.5%	2.3%	0%
TERMINAL (d)	0/35 (0%)	1/30 (3%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	---	542	477	---
HC TUMORS SAME RTE	1/99 (1%)			
HC TUMORS ALL RTES	7/1249 (1%)			

STATISTICAL TESTS

POLY 3	P=0.427N	P=0.248	P=0.503	(e)
POLY 1.5	P=0.409N	P=0.247	P=0.503	(e)
POLY 6	P=0.448N	P=0.247	P=0.502	(e)
COCH-ARM / FISHERS	P=0.378N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.389	P=0.087	P=0.163	(e)
HISTCONT SAME RTE	(h)	(h)	(h)	(e)
HISTCONT ALL RTES	(h)	(h)	(h)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.78	1/44.36	0/42.76	0/35.46
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/35 (0%)	1/30 (3%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	---	731 (T)	---	---
HC TUMORS SAME RTE	2/99 (2%)			
HC TUMORS ALL RTES	60/1249 (5%)			

STATISTICAL TESTS

POLY 3	P=0.577N	P=0.507	(e)	(e)
POLY 1.5	P=0.576N	P=0.507	(e)	(e)
POLY 6	P=0.578N	P=0.505	(e)	(e)
COCH-ARM / FISHERS	P=0.576N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.454N	P=0.168	(e)	(e)
HISTCONT SAME RTE	(h)	(h)	(e)	(e)
HISTCONT ALL RTES	(h)	(h)	(e)	(e)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**All Organs
 Hemangiosarcoma or Hemangioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/42.78	1/44.36	0/42.76	0/35.46
POLY-3 PERCENT (g)	2.3%	2.3%	0%	0%
TERMINAL (d)	1/35 (3%)	1/30 (3%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	731 (T)	731 (T)	---	---
HC TUMORS SAME RTE	4/99 (4%)			
HC TUMORS ALL RTES	79/1249 (6%)			

STATISTICAL TESTS

POLY 3	P=0.315N	P=0.753N	P=0.500N	P=0.537N
POLY 1.5	P=0.312N	P=0.753N	P=0.499N	P=0.524N
POLY 6	P=0.317N	P=0.756N	P=0.502N	P=0.553N
COCH-ARM / FISHERS	P=0.303N	P=0.753N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.331N	P=0.489N	P=0.159N	P=0.204N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**All Organs
 Histiocytic Sarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/43.3	2/45.41	1/43.45	2/36.61
POLY-3 PERCENT (g)	2.3%	4.4%	2.3%	5.5%
TERMINAL (d)	0/35 (0%)	0/30 (0%)	0/32 (0%)	0/19 (0%)
FIRST INCIDENCE	569	459	491	485
HC TUMORS SAME RTE	0/99 (0%)			
HC TUMORS ALL RTES	31/1249 (3%)			

STATISTICAL TESTS

POLY 3	P=0.408	P=0.517	P=0.760N	P=0.442
POLY 1.5	P=0.430	P=0.515	P=0.759N	P=0.462
POLY 6	P=0.383	P=0.514	P=0.759	P=0.418
COCH-ARM / FISHERS	P=0.479	P=0.500	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.404	P=0.298	P=0.498N	P=0.250
HISTCONT SAME RTE	P=0.144	P=0.095	P=0.178	P=0.123
HISTCONT ALL RTES	P=0.474	P=0.375	P=1.000	P=0.310

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	5/50 (10%)	8/50 (16%)	7/50 (14%)
POLY-3 RATE (b)	2/42.78	5/44.95	8/44.01	7/37.45
POLY-3 PERCENT (g)	4.7%	11.1%	18.2%	18.7%
TERMINAL (d)	2/35 (6%)	1/30 (3%)	5/32 (16%)	3/19 (16%)
FIRST INCIDENCE	731 (T)	664	541	50
HC TUMORS SAME RTE	18/99 (18%)			
HC TUMORS ALL RTES	284/1249 (23%)			

STATISTICAL TESTS

POLY 3	P=0.065	P=0.236	P=0.049*	P=0.050*
POLY 1.5	P=0.086	P=0.234	P=0.048*	P=0.061
POLY 6	P=0.047*	P=0.235	P=0.049*	P=0.038*
COCH-ARM / FISHERS	P=0.129	P=0.218	P=0.046*	P=0.080
MAX-ISO-POLY-3	P=0.070	P=0.138	P=0.025*	P=0.029*
HISTCONT SAME RTE	P=0.094	P=0.197	P=0.032*	P=0.039*
HISTCONT ALL RTES	P=0.081	P=0.164	P=0.025*	P=0.031*

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG

**All Organs
 Benign Tumors**

TUMOR RATES	#	#	#	#
OVERALL (a)	24/50 (48%)	23/50 (46%)	20/50 (40%)	17/50 (34%)
POLY-3 RATE (b)	24/45.98	23/46.05	20/44.83	17/38
POLY-3 PERCENT (g)	52.2%	49.9%	44.6%	44.7%
TERMINAL (d)	17/35 (49%)	16/30 (53%)	15/32 (47%)	9/19 (47%)
FIRST INCIDENCE	269	596	477	541
HC TUMORS SAME RTE	41/99 (41%)			
HC TUMORS ALL RTES	644/1249 (52%)			

STATISTICAL TESTS

POLY 3	P=0.286N	P=0.497N	P=0.302N	P=0.320N
POLY 1.5	P=0.207N	P=0.482N	P=0.288N	P=0.234N
POLY 6	P=0.376N	P=0.523N	P=0.326N	P=0.423N
COCH-ARM / FISHERS	P=0.081N	P=0.500N	P=0.273N	P=0.111N
MAX-ISO-POLY-3	P=0.430N	P=0.411N	P=0.235N	P=0.264N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	13/50 (26%)	23/50 (46%)	21/50 (42%)	34/50 (68%)
POLY-3 RATE (b)	13/45.59	23/48.25	21/47.58	34/45.55
POLY-3 PERCENT (g)	28.5%	47.7%	44.1%	74.6%
TERMINAL (d)	6/35 (17%)	8/30 (27%)	10/32 (31%)	10/19 (53%)
FIRST INCIDENCE	546	459	477	50
HC TUMORS SAME RTE	35/99 (35%)			
HC TUMORS ALL RTEs	629/1249 (50%)			

STATISTICAL TESTS

POLY 3	P<0.001**	P=0.043*	P=0.086	P<0.001**
POLY 1.5	P<0.001**	P=0.040*	P=0.081	P<0.001**
POLY 6	P<0.001**	P=0.043*	P=0.088	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.030*	P=0.069	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.030*	P=0.061	P<0.001**
HISTCONT SAME RTE	P<0.001**	P=0.039*	P=0.084	P<0.001**
HISTCONT ALL RTEs	P<0.001**	P=0.031*	P=0.068	P<0.001**

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
 Time Report Requested: 08:54:48
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	3 MG/KG	10 MG/KG	30 MG/KG
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	29/50 (58%)	37/50 (74%)	34/50 (68%)	39/50 (78%)
POLY-3 RATE (b)	29/47.61	37/48.71	34/48.13	39/45.84
POLY-3 PERCENT (g)	60.9%	76%	70.6%	85.1%
TERMINAL (d)	18/35 (51%)	21/30 (70%)	21/32 (66%)	14/19 (74%)
FIRST INCIDENCE	269	459	477	50
HC TUMORS SAME RTE	64/99 (65%)			
HC TUMORS ALL RTES	939/1249 (75%)			

STATISTICAL TESTS

POLY 3	P=0.017*	P=0.081	P=0.213	P=0.006**
POLY 1.5	P=0.024*	P=0.084	P=0.209	P=0.009**
POLY 6	P=0.013*	P=0.076	P=0.214	P=0.004**
COCH-ARM / FISHERS	P=0.063	P=0.069	P=0.204	P=0.026*
MAX-ISO-POLY-3	P=0.007**	P=0.054	P=0.157	P=0.003**
HISTCONT SAME RTE	P=0.009**	P=0.075	P=0.223	P=0.004**
HISTCONT ALL RTES	P=0.007**	P=0.060	P=0.188	P=0.003**

TDMS No. 88148 - 07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
3,3',4,4'-Tetrachloroazobenzene
CAS Number: 14047-09-7

Date Report Requested: 08/26/2008
Time Report Requested: 08:54:48
First Dose M/F: 02/04/03 / 02/03/03
Lab: BAT

LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
 - (b) Number of tumor-bearing animals/Poly-3 number
 - (d) Observed incidence at terminal kill.
 - (e) Value of Statistic cannot be computed.
 - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (h) Value of Historical Controls statistic is only calculated when Poly-3 trend is positive and when there is more than one tumor in the treatment groups.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***