

TDMS No. 96015 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Water disinfection byproducts (Dibromoacetonitrile)

CAS Number: 3252-43-5

Date Report Reqsted: 08/21/2007

Time Report Reqsted: 09:21:42

First Dose M/F: 09/05/01 / 09/05/01

Lab: SRI

F_2 R2

C Number: C96015
Lock Date: 04/30/2004
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
TDMSE Version: 1.8.0

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**FOR ALL DOSES THE TUMOR RATES IN THE FOLLOWING TISSUES/ORGANS ARE BASED ON NUMBER OF TISSUES EXAMINED.
IN OTHER TISSUES/ORGANS RATES ARE BASED ON THE NUMBER OF ANIMALS NECROPSIED.**

Adrenal Cortex
Adrenal Medulla
Brain
Clitoral/Preputial Gland
Heart
Islets, Pancreatic
Liver
Lung
Nose
Ovary
Pancreas
Parathyroid Gland
Pituitary Gland
Spleen
Testes
Thyroid Gland

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF Water disinfection byproducts (Dibromoacetonitrile)

MALE RATS

Organ

Heart
Lung

Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)

Oral Mucosa
Pituitary Gland: Pars Distalis or Unspecified Site

Stomach, Glandular
Testes
Thyroid Gland: C-Cell
All Organs

Morphology

Schwannoma Benign
Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma
Squamous Cell Carcinoma

Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma
Squamous Cell Carcinoma
Adenoma
Carcinoma or Adenoma
Adenoma
Adenoma
Carcinoma or Adenoma
Mesothelioma: Benign, Malignant, NOS
Mesothelioma: Malignant

FEMALE RATS

Organ

Adrenal Cortex
Mammary Gland

Skin

Uterus

Morphology

Adenoma
Fibroadenoma
Fibroma, Fibroadenoma or Adenoma
Fibroma, Fibroadenoma, Carcinoma, or Adenoma
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B),
Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma,
Keratoacanthoma, Trichoepithelioma
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or
Keratoacanthoma
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma
Polyp Stromal

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Adrenal Cortex
 Adenoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/43.92	0/44.54	0/42.41	1/45.66
POLY-3 PERCENT (g)	0%	0%	0%	2.2%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	0/25 (0%)	1/35 (3%)
FIRST INCIDENCE	---	---	---	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.217	(e)	(e)	P=0.524
POLY 3	P=0.204	(e)	(e)	P=0.508
POLY 1.5	P=0.200	(e)	(e)	P=0.502
POLY 6	P=0.208	(e)	(e)	P=0.515
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.524
COCH-ARM / FISHERS	P=0.198	(e)	(e)	P=0.500
ORDER RESTRICTED	P=0.126	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.137	(e)	(e)	(e)

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Adrenal Medulla
Pheochromocytoma Benign

TUMOR RATES

OVERALL (a)	10/50 (20%)	6/50 (12%)	7/49 (14%)	8/49 (16%)
POLY-3 RATE (b)	10/43.95	6/44.6	7/42.79	8/44.74
POLY-3 PERCENT (g)	22.8%	13.5%	16.4%	17.9%
TERMINAL (d)	9/31 (29%)	5/33 (15%)	2/24 (8%)	8/35 (23%)
FIRST INCIDENCE	721	714	616	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.363N	P=0.169N	P=0.458N	P=0.287N
POLY 3	P=0.430N	P=0.194N	P=0.316N	P=0.380N
POLY 1.5	P=0.449N	P=0.200N	P=0.318N	P=0.405N
POLY 6	P=0.404N	P=0.184N	P=0.312N	P=0.346N
LOGISTIC REGRESSION	P=0.400N	P=0.171N	P=0.347N	P=0.287N
COCH-ARM / FISHERS	P=0.455N	P=0.207N	P=0.314N	P=0.416N
ORDER RESTRICTED	P=0.313N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.324N	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Adrenal Medulla
 Pheochromocytoma Malignant**

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	3/49 (6%)	0/49 (0%)
POLY-3 RATE (b)	0/43.92	0/44.54	3/41.41	0/44.74
POLY-3 PERCENT (g)	0%	0%	7.2%	0%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	3/24 (13%)	0/35 (0%)
FIRST INCIDENCE	---	---	729 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.559	(e)	P=0.079	(e)
POLY 3	P=0.561	(e)	P=0.108	(e)
POLY 1.5	P=0.543	(e)	P=0.111	(e)
POLY 6	P=0.584	(e)	P=0.103	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.079	(e)
COCH-ARM / FISHERS	P=0.533	(e)	P=0.117	(e)
ORDER RESTRICTED	P=0.152	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.161	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Adrenal Medulla
 Pheochromocytoma: Benign, Complex, Malignant, NOS**

TUMOR RATES

OVERALL (a)	10/50 (20%)	6/50 (12%)	10/49 (20%)	9/49 (18%)
POLY-3 RATE (b)	10/43.95	6/44.6	10/42.79	9/44.8
POLY-3 PERCENT (g)	22.8%	13.5%	23.4%	20.1%
TERMINAL (d)	9/31 (29%)	5/33 (15%)	5/24 (21%)	8/35 (23%)
FIRST INCIDENCE	721	714	616	714

STATISTICAL TESTS

LIFE TABLE	P=0.501N	P=0.169N	P=0.405	P=0.381N
POLY 3	P=0.524	P=0.194N	P=0.574	P=0.481N
POLY 1.5	P=0.499	P=0.200N	P=0.572	P=0.508N
POLY 6	P=0.548N	P=0.184N	P=0.577	P=0.444N
LOGISTIC REGRESSION	P=0.545N	P=0.171N	P=0.527	P=0.385N
COCH-ARM / FISHERS	P=0.490	P=0.207N	P=0.579	P=0.520N
ORDER RESTRICTED	P=0.513N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.519N	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Clitoral/Preputial Gland
 Adenoma**

TUMOR RATES

OVERALL (a)	1/48 (2%)	2/50 (4%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/42.2	2/44.54	3/42.89	1/45.66
POLY-3 PERCENT (g)	2.4%	4.5%	7%	2.2%
TERMINAL (d)	1/30 (3%)	2/33 (6%)	1/25 (4%)	1/35 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	652	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.530N	P=0.533	P=0.267	P=0.727N
POLY 3	P=0.547N	P=0.519	P=0.311	P=0.743N
POLY 1.5	P=0.560N	P=0.517	P=0.314	P=0.749N
POLY 6	P=0.531N	P=0.522	P=0.305	P=0.735N
LOGISTIC REGRESSION	P=0.550N	P=0.533	P=0.311	P=0.727N
COCH-ARM / FISHERS	P=0.565N	P=0.515	P=0.324	P=0.742N
ORDER RESTRICTED	P=0.447N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.458N	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Clitoral/Preputial Gland
 Carcinoma**

TUMOR RATES

OVERALL (a)	0/48 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/42.2	1/44.6	2/42.94	0/45.66
POLY-3 PERCENT (g)	0%	2.2%	4.7%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	1/25 (4%)	0/35 (0%)
FIRST INCIDENCE	---	714	568	---

STATISTICAL TESTS

LIFE TABLE	P=0.589N	P=0.506	P=0.224	(e)
POLY 3	P=0.594N	P=0.511	P=0.241	(e)
POLY 1.5	P=0.604N	P=0.510	P=0.243	(e)
POLY 6	P=0.580N	P=0.513	P=0.237	(e)
LOGISTIC REGRESSION	P=0.602N	P=0.512	P=0.263	(e)
COCH-ARM / FISHERS	P=0.608N	P=0.510	P=0.258	(e)
ORDER RESTRICTED	P=0.320N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.335N	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Clitoral/Preputial Gland
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	1/48 (2%)	3/50 (6%)	5/50 (10%)	1/50 (2%)
POLY-3 RATE (b)	1/42.2	3/44.6	5/43.41	1/45.66
POLY-3 PERCENT (g)	2.4%	6.7%	11.5%	2.2%
TERMINAL (d)	1/30 (3%)	2/33 (6%)	2/25 (8%)	1/35 (3%)
FIRST INCIDENCE	729 (T)	714	568	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.491N	P=0.335	P=0.086	P=0.727N
POLY 3	P=0.503N	P=0.325	P=0.107	P=0.743N
POLY 1.5	P=0.521N	P=0.323	P=0.108	P=0.749N
POLY 6	P=0.480N	P=0.329	P=0.104	P=0.735N
LOGISTIC REGRESSION	P=0.526N	P=0.331	P=0.114	P=0.727N
COCH-ARM / FISHERS	P=0.528N	P=0.324	P=0.112	P=0.742N
ORDER RESTRICTED	P=0.267N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.282N	(e)	(e)	(e)

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Heart
 Schwannoma Benign

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/43.92	0/44.54	0/42.41	2/45.78
POLY-3 PERCENT (g)	0%	0%	0%	4.4%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	0/25 (0%)	1/35 (3%)
FIRST INCIDENCE	---	---	---	699

STATISTICAL TESTS

LIFE TABLE	P=0.059	(e)	(e)	P=0.268
POLY 3	P=0.047*	(e)	(e)	P=0.246
POLY 1.5	P=0.046*	(e)	(e)	P=0.240
POLY 6	P=0.048*	(e)	(e)	P=0.255
LOGISTIC REGRESSION	P=0.051	(e)	(e)	P=0.247
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
ORDER RESTRICTED	P=0.034*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.040*	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Intestine Large: Colon/Rectum
 Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	0/43.92	1/44.54	2/42.45	2/45.66
POLY-3 PERCENT (g)	0%	2.3%	4.7%	4.4%
TERMINAL (d)	0/31 (0%)	1/33 (3%)	1/25 (4%)	2/35 (6%)
FIRST INCIDENCE	---	729 (T)	720	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.190	P=0.512	P=0.199	P=0.265
POLY 3	P=0.172	P=0.503	P=0.229	P=0.246
POLY 1.5	P=0.164	P=0.501	P=0.232	P=0.240
POLY 6	P=0.183	P=0.505	P=0.224	P=0.254
LOGISTIC REGRESSION	P=0.188	P=0.512	P=0.206	P=0.265
COCH-ARM / FISHERS	P=0.160	P=0.500	P=0.247	P=0.247
ORDER RESTRICTED	P=0.149	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.160	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Intestine Large: Colon/Rectum
 Carcinoma or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/43.92	1/44.54	2/42.45	2/45.66
POLY-3 PERCENT (g)	2.3%	2.3%	4.7%	4.4%
TERMINAL (d)	1/31 (3%)	1/33 (3%)	1/25 (4%)	2/35 (6%)
FIRST INCIDENCE	729 (T)	729 (T)	720	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.375	P=0.748N	P=0.431	P=0.543
POLY 3	P=0.353	P=0.758N	P=0.488	P=0.514
POLY 1.5	P=0.342	P=0.759N	P=0.492	P=0.504
POLY 6	P=0.367	P=0.755N	P=0.481	P=0.526
LOGISTIC REGRESSION	P=0.375	P=0.748N	P=0.446	P=0.543
COCH-ARM / FISHERS	P=0.337	P=0.753N	P=0.500	P=0.500
ORDER RESTRICTED	P=0.439	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.449	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Islets, Pancreatic
 Adenoma**

TUMOR RATES

OVERALL (a)	5/49 (10%)	4/50 (8%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	5/43.49	4/44.54	3/43.11	3/45.81
POLY-3 PERCENT (g)	11.5%	9%	7%	6.6%
TERMINAL (d)	3/31 (10%)	4/33 (12%)	1/25 (4%)	1/35 (3%)
FIRST INCIDENCE	606	729 (T)	616	699

STATISTICAL TESTS

LIFE TABLE	P=0.247N	P=0.471N	P=0.429N	P=0.302N
POLY 3	P=0.258N	P=0.485N	P=0.361N	P=0.328N
POLY 1.5	P=0.268N	P=0.486N	P=0.356N	P=0.341N
POLY 6	P=0.245N	P=0.483N	P=0.370N	P=0.311N
LOGISTIC REGRESSION	P=0.262N	P=0.474N	P=0.345N	P=0.335N
COCH-ARM / FISHERS	P=0.269N	P=0.487N	P=0.346N	P=0.346N
ORDER RESTRICTED	P=0.318N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.332N	(e)	(e)	(e)

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Islets, Pancreatic
 Carcinoma**

TUMOR RATES

OVERALL (a)	1/49 (2%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/42.97	1/44.54	1/42.41	2/45.66
POLY-3 PERCENT (g)	2.3%	2.3%	2.4%	4.4%
TERMINAL (d)	1/31 (3%)	1/33 (3%)	1/25 (4%)	2/35 (6%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.383	P=0.748N	P=0.714	P=0.543
POLY 3	P=0.368	P=0.753N	P=0.758	P=0.521
POLY 1.5	P=0.360	P=0.754N	P=0.760	P=0.512
POLY 6	P=0.379	P=0.750N	P=0.753	P=0.534
LOGISTIC REGRESSION	P=0.383	P=0.748N	P=0.714	P=0.543
COCH-ARM / FISHERS	P=0.356	P=0.747N	P=0.747N	P=0.508
ORDER RESTRICTED	P=0.442	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.453	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

	Males			
DOSE	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Islets, Pancreatic
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	6/49 (12%)	5/50 (10%)	4/50 (8%)	5/50 (10%)
POLY-3 RATE (b)	6/43.49	5/44.54	4/43.11	5/45.81
POLY-3 PERCENT (g)	13.8%	11.2%	9.3%	10.9%
TERMINAL (d)	4/31 (13%)	5/33 (15%)	2/25 (8%)	3/35 (9%)
FIRST INCIDENCE	606	729 (T)	616	699

STATISTICAL TESTS

LIFE TABLE	P=0.383N	P=0.465N	P=0.464N	P=0.422N
POLY 3	P=0.409N	P=0.483N	P=0.374N	P=0.463N
POLY 1.5	P=0.423N	P=0.485N	P=0.369N	P=0.480N
POLY 6	P=0.391N	P=0.481N	P=0.385N	P=0.442N
LOGISTIC REGRESSION	P=0.400N	P=0.467N	P=0.366N	P=0.456N
COCH-ARM / FISHERS	P=0.426N	P=0.486N	P=0.357N	P=0.486N
ORDER RESTRICTED	P=0.464N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.473N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Liver
 Hepatocellular Carcinoma or Hepatocellular Adenoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.92	0/44.54	2/42.88	0/45.66
POLY-3 PERCENT (g)	0%	0%	4.7%	0%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	0/25 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	619	---

STATISTICAL TESTS

LIFE TABLE	P=0.611	(e)	P=0.226	(e)
POLY 3	P=0.617	(e)	P=0.232	(e)
POLY 1.5	P=0.603	(e)	P=0.233	(e)
POLY 6	P=0.636	(e)	P=0.228	(e)
LOGISTIC REGRESSION	P=0.605	(e)	P=0.247	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
ORDER RESTRICTED	P=0.242	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.254	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Liver
 Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.92	0/44.54	2/42.88	0/45.66
POLY-3 PERCENT (g)	0%	0%	4.7%	0%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	0/25 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	619	---

STATISTICAL TESTS

LIFE TABLE	P=0.611	(e)	P=0.226	(e)
POLY 3	P=0.617	(e)	P=0.232	(e)
POLY 1.5	P=0.603	(e)	P=0.233	(e)
POLY 6	P=0.636	(e)	P=0.228	(e)
LOGISTIC REGRESSION	P=0.605	(e)	P=0.247	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
ORDER RESTRICTED	P=0.242	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.254	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Lung
 Alveolar/Bronchiolar Adenoma**

TUMOR RATES

OVERALL (a)	3/50 (6%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/44.33	3/44.61	0/42.41	0/45.66
POLY-3 PERCENT (g)	6.8%	6.7%	0%	0%
TERMINAL (d)	2/31 (7%)	2/33 (6%)	0/25 (0%)	0/35 (0%)
FIRST INCIDENCE	610	710	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.034N*	P=0.639N	P=0.149N	P=0.106N
POLY 3	P=0.033N*	P=0.660N	P=0.126N	P=0.113N
POLY 1.5	P=0.033N*	P=0.661N	P=0.124N	P=0.118N
POLY 6	P=0.031N*	P=0.657N	P=0.132N	P=0.108N
LOGISTIC REGRESSION	P=0.033N*	P=0.658N	P=0.121N	P=0.120N
COCH-ARM / FISHERS	P=0.034N*	P=0.661N	P=0.121N	P=0.121N
ORDER RESTRICTED	P=0.052N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.050N*	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Lung
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma

TUMOR RATES

OVERALL (a)	4/50 (8%)	4/50 (8%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	4/44.33	4/44.61	1/42.62	0/45.66
POLY-3 PERCENT (g)	9%	9%	2.4%	0%
TERMINAL (d)	3/31 (10%)	3/33 (9%)	0/25 (0%)	0/35 (0%)
FIRST INCIDENCE	610	710	674	---

STATISTICAL TESTS

LIFE TABLE	P=0.021N*	P=0.614N	P=0.230N	P=0.052N
POLY 3	P=0.020N*	P=0.640N	P=0.190N	P=0.056N
POLY 1.5	P=0.021N*	P=0.642N	P=0.186N	P=0.059N
POLY 6	P=0.018N*	P=0.637N	P=0.197N	P=0.053N
LOGISTIC REGRESSION	P=0.021N*	P=0.634N	P=0.183N	P=0.062N
COCH-ARM / FISHERS	P=0.022N*	P=0.643N	P=0.181N	P=0.059N
ORDER RESTRICTED	P=0.034N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.030N*	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Mammary Gland
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/44.01	0/44.54	1/42.8	0/45.66
POLY-3 PERCENT (g)	2.3%	0%	2.3%	0%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	0/25 (0%)	0/35 (0%)
FIRST INCIDENCE	706	---	619	---

STATISTICAL TESTS

LIFE TABLE	P=0.395N	P=0.495N	P=0.740	P=0.484N
POLY 3	P=0.402N	P=0.498N	P=0.755	P=0.493N
POLY 1.5	P=0.405N	P=0.499N	P=0.757	P=0.498N
POLY 6	P=0.398N	P=0.496N	P=0.751	P=0.486N
LOGISTIC REGRESSION	P=0.394N	P=0.498N	P=0.753N	P=0.497N
COCH-ARM / FISHERS	P=0.405N	P=0.500N	P=0.753N	P=0.500N
ORDER RESTRICTED	P=0.243N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.255N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Mammary Gland
 Carcinoma or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/44.01	0/44.54	1/42.8	0/45.66
POLY-3 PERCENT (g)	2.3%	0%	2.3%	0%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	0/25 (0%)	0/35 (0%)
FIRST INCIDENCE	706	---	619	---

STATISTICAL TESTS

LIFE TABLE	P=0.395N	P=0.495N	P=0.740	P=0.484N
POLY 3	P=0.402N	P=0.498N	P=0.755	P=0.493N
POLY 1.5	P=0.405N	P=0.499N	P=0.757	P=0.498N
POLY 6	P=0.398N	P=0.496N	P=0.751	P=0.486N
LOGISTIC REGRESSION	P=0.394N	P=0.498N	P=0.753N	P=0.497N
COCH-ARM / FISHERS	P=0.405N	P=0.500N	P=0.753N	P=0.500N
ORDER RESTRICTED	P=0.243N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.255N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Mammary Gland
 Fibroadenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	6/50 (12%)	3/50 (6%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	6/44.25	3/44.61	3/42.54	2/45.66
POLY-3 PERCENT (g)	13.6%	6.7%	7.1%	4.4%
TERMINAL (d)	2/31 (7%)	2/33 (6%)	1/25 (4%)	2/35 (6%)
FIRST INCIDENCE	697	710	709	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.101N	P=0.228N	P=0.345N	P=0.107N
POLY 3	P=0.106N	P=0.237N	P=0.261N	P=0.122N
POLY 1.5	P=0.111N	P=0.240N	P=0.254N	P=0.130N
POLY 6	P=0.099N	P=0.234N	P=0.274N	P=0.113N
LOGISTIC REGRESSION	P=0.094N	P=0.227N	P=0.277N	P=0.109N
COCH-ARM / FISHERS	P=0.112N	P=0.243N	P=0.243N	P=0.134N
ORDER RESTRICTED	P=0.077N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.085N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Mammary Gland
 Fibroma, Fibroadenoma or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	6/50 (12%)	3/50 (6%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	6/44.25	3/44.61	3/42.54	2/45.66
POLY-3 PERCENT (g)	13.6%	6.7%	7.1%	4.4%
TERMINAL (d)	2/31 (7%)	2/33 (6%)	1/25 (4%)	2/35 (6%)
FIRST INCIDENCE	697	710	709	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.101N	P=0.228N	P=0.345N	P=0.107N
POLY 3	P=0.106N	P=0.237N	P=0.261N	P=0.122N
POLY 1.5	P=0.111N	P=0.240N	P=0.254N	P=0.130N
POLY 6	P=0.099N	P=0.234N	P=0.274N	P=0.113N
LOGISTIC REGRESSION	P=0.094N	P=0.227N	P=0.277N	P=0.109N
COCH-ARM / FISHERS	P=0.112N	P=0.243N	P=0.243N	P=0.134N
ORDER RESTRICTED	P=0.077N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.085N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Mammary Gland
 Fibroma, Fibroadenoma, Carcinoma, or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	6/50 (12%)	3/50 (6%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	6/44.25	3/44.61	4/42.93	2/45.66
POLY-3 PERCENT (g)	13.6%	6.7%	9.3%	4.4%
TERMINAL (d)	2/31 (7%)	2/33 (6%)	1/25 (4%)	2/35 (6%)
FIRST INCIDENCE	697	710	619	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.115N	P=0.228N	P=0.477N	P=0.107N
POLY 3	P=0.120N	P=0.237N	P=0.388N	P=0.122N
POLY 1.5	P=0.127N	P=0.240N	P=0.382N	P=0.130N
POLY 6	P=0.112N	P=0.234N	P=0.400N	P=0.113N
LOGISTIC REGRESSION	P=0.116N	P=0.227N	P=0.394N	P=0.109N
COCH-ARM / FISHERS	P=0.128N	P=0.243N	P=0.370N	P=0.134N
ORDER RESTRICTED	P=0.086N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.094N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)
 Papilloma Squamous or Papilloma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/43.92	0/44.54	1/42.41	2/46
POLY-3 PERCENT (g)	0%	0%	2.4%	4.4%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	1/25 (4%)	1/35 (3%)
FIRST INCIDENCE	---	---	729 (T)	636

STATISTICAL TESTS

LIFE TABLE	P=0.086	(e)	P=0.457	P=0.266
POLY 3	P=0.075	(e)	P=0.493	P=0.248
POLY 1.5	P=0.072	(e)	P=0.496	P=0.241
POLY 6	P=0.079	(e)	P=0.489	P=0.257
LOGISTIC REGRESSION	P=0.071	(e)	P=0.457	P=0.238
COCH-ARM / FISHERS	P=0.070	(e)	P=0.500	P=0.247
ORDER RESTRICTED	P=0.080	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.090	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

	Males			
DOSE	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)
 Squamous Cell Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/43.92	0/44.54	1/42.49	3/45.76
POLY-3 PERCENT (g)	0%	0%	2.4%	6.6%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	0/25 (0%)	2/35 (6%)
FIRST INCIDENCE	---	---	709	704

STATISTICAL TESTS

LIFE TABLE	P=0.029*	(e)	P=0.475	P=0.144
POLY 3	P=0.021*	(e)	P=0.493	P=0.126
POLY 1.5	P=0.020*	(e)	P=0.496	P=0.121
POLY 6	P=0.022*	(e)	P=0.489	P=0.133
LOGISTIC REGRESSION	P=0.025*	(e)	P=0.491	P=0.135
COCH-ARM / FISHERS	P=0.020*	(e)	P=0.500	P=0.121
ORDER RESTRICTED	P=0.024*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.029*	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)
 Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	0/43.92	0/44.54	2/42.49	5/46.1
POLY-3 PERCENT (g)	0%	0%	4.7%	10.9%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	1/25 (4%)	3/35 (9%)
FIRST INCIDENCE	---	---	709	636

STATISTICAL TESTS

LIFE TABLE	P=0.005**	(e)	P=0.203	P=0.047*
POLY 3	P=0.003**	(e)	P=0.230	P=0.035*
POLY 1.5	P=0.002**	(e)	P=0.232	P=0.032*
POLY 6	P=0.003**	(e)	P=0.225	P=0.039*
LOGISTIC REGRESSION	P=0.003**	(e)	P=0.217	P=0.034*
COCH-ARM / FISHERS	P=0.003**	(e)	P=0.247	P=0.028*
ORDER RESTRICTED	P=0.004**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.004**	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

	Males			
DOSE	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Oral Mucosa
 Squamous Cell Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/43.92	0/44.54	0/42.41	2/45.76
POLY-3 PERCENT (g)	0%	0%	0%	4.4%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	0/25 (0%)	1/35 (3%)
FIRST INCIDENCE	---	---	---	704

STATISTICAL TESTS

LIFE TABLE	P=0.058	(e)	(e)	P=0.265
POLY 3	P=0.047*	(e)	(e)	P=0.246
POLY 1.5	P=0.046*	(e)	(e)	P=0.240
POLY 6	P=0.048*	(e)	(e)	P=0.255
LOGISTIC REGRESSION	P=0.052	(e)	(e)	P=0.250
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
ORDER RESTRICTED	P=0.034*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.040*	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
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 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Pancreas
 Adenoma**

TUMOR RATES

OVERALL (a)	1/49 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/42.97	0/44.54	2/42.41	0/45.66
POLY-3 PERCENT (g)	2.3%	0%	4.7%	0%
TERMINAL (d)	1/31 (3%)	0/33 (0%)	2/25 (8%)	0/35 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.440N	P=0.488N	P=0.425	P=0.476N
POLY 3	P=0.446N	P=0.493N	P=0.495	P=0.488N
POLY 1.5	P=0.454N	P=0.494N	P=0.500	P=0.493N
POLY 6	P=0.436N	P=0.491N	P=0.488	P=0.481N
LOGISTIC REGRESSION	P=0.440N	(e)	P=0.425	(e)
COCH-ARM / FISHERS	P=0.457N	P=0.495N	P=0.508	P=0.495N
ORDER RESTRICTED	P=0.314N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.329N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Pancreas
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	1/49 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/42.97	0/44.54	2/42.41	0/45.66
POLY-3 PERCENT (g)	2.3%	0%	4.7%	0%
TERMINAL (d)	1/31 (3%)	0/33 (0%)	2/25 (8%)	0/35 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.440N	P=0.488N	P=0.425	P=0.476N
POLY 3	P=0.446N	P=0.493N	P=0.495	P=0.488N
POLY 1.5	P=0.454N	P=0.494N	P=0.500	P=0.493N
POLY 6	P=0.436N	P=0.491N	P=0.488	P=0.481N
LOGISTIC REGRESSION	P=0.440N	(e)	P=0.425	(e)
COCH-ARM / FISHERS	P=0.457N	P=0.495N	P=0.508	P=0.495N
ORDER RESTRICTED	P=0.314N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.329N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

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

TUMOR RATES

OVERALL (a)	24/50 (48%)	14/50 (28%)	20/48 (42%)	24/49 (49%)
POLY-3 RATE (b)	24/46.53	14/45.66	20/44.38	24/45.73
POLY-3 PERCENT (g)	51.6%	30.7%	45.1%	52.5%
TERMINAL (d)	12/31 (39%)	10/33 (30%)	9/24 (38%)	18/35 (51%)
FIRST INCIDENCE	606	563	568	592

STATISTICAL TESTS

LIFE TABLE	P=0.443	P=0.037N*	P=0.527N	P=0.387N
POLY 3	P=0.263	P=0.030N*	P=0.339N	P=0.549
POLY 1.5	P=0.247	P=0.030N*	P=0.342N	P=0.529
POLY 6	P=0.283	P=0.034N*	P=0.344N	P=0.566
LOGISTIC REGRESSION	P=0.262	P=0.030N*	P=0.341N	P=0.576
COCH-ARM / FISHERS	P=0.258	P=0.032N*	P=0.335N	P=0.541
ORDER RESTRICTED	P=0.208	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.216	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

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

TUMOR RATES

OVERALL (a)	24/50 (48%)	15/50 (30%)	20/48 (42%)	24/49 (49%)
POLY-3 RATE (b)	24/46.53	15/46.35	20/44.38	24/45.73
POLY-3 PERCENT (g)	51.6%	32.4%	45.1%	52.5%
TERMINAL (d)	12/31 (39%)	10/33 (30%)	9/24 (38%)	18/35 (51%)
FIRST INCIDENCE	606	496	568	592

STATISTICAL TESTS

LIFE TABLE	P=0.468	P=0.058N	P=0.527N	P=0.387N
POLY 3	P=0.279	P=0.044N*	P=0.339N	P=0.549
POLY 1.5	P=0.265	P=0.045N*	P=0.342N	P=0.529
POLY 6	P=0.296	P=0.047N*	P=0.344N	P=0.566
LOGISTIC REGRESSION	P=0.283	P=0.050N*	P=0.341N	P=0.576
COCH-ARM / FISHERS	P=0.282	P=0.050N*	P=0.335N	P=0.541
ORDER RESTRICTED	P=0.238	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.246	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin
 Basal Cell Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	2/43.92	0/44.54	2/42.49	2/45.66
POLY-3 PERCENT (g)	4.6%	0%	4.7%	4.4%
TERMINAL (d)	2/31 (7%)	0/33 (0%)	1/25 (4%)	2/35 (6%)
FIRST INCIDENCE	729 (T)	---	710	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.479	P=0.224N	P=0.620	P=0.651N
POLY 3	P=0.457	P=0.234N	P=0.682	P=0.680N
POLY 1.5	P=0.447	P=0.236N	P=0.686	P=0.689N
POLY 6	P=0.469	P=0.231N	P=0.675	P=0.667N
LOGISTIC REGRESSION	P=0.482	(e)	P=0.648	P=0.651N
COCH-ARM / FISHERS	P=0.444	P=0.247N	P=0.691N	P=0.691N
ORDER RESTRICTED	P=0.438	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.449	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
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 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

	Males			
DOSE	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Skin
 Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	2/43.92	0/44.54	3/42.79	2/45.66
POLY-3 PERCENT (g)	4.6%	0%	7%	4.4%
TERMINAL (d)	2/31 (7%)	0/33 (0%)	1/25 (4%)	2/35 (6%)
FIRST INCIDENCE	729 (T)	---	647	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.460	P=0.224N	P=0.428	P=0.651N
POLY 3	P=0.439	P=0.234N	P=0.488	P=0.680N
POLY 1.5	P=0.427	P=0.236N	P=0.492	P=0.689N
POLY 6	P=0.454	P=0.231N	P=0.481	P=0.667N
LOGISTIC REGRESSION	P=0.445	(e)	P=0.479	P=0.651N
COCH-ARM / FISHERS	P=0.423	P=0.247N	P=0.500	P=0.691N
ORDER RESTRICTED	P=0.324	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.337	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

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 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin
 Basal Cell Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/43.92	1/44.54	0/42.41	1/45.82
POLY-3 PERCENT (g)	4.6%	2.3%	0%	2.2%
TERMINAL (d)	2/31 (7%)	1/33 (3%)	0/25 (0%)	0/35 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	689

STATISTICAL TESTS

LIFE TABLE	P=0.347N	P=0.478N	P=0.286N	P=0.458N
POLY 3	P=0.367N	P=0.495N	P=0.245N	P=0.485N
POLY 1.5	P=0.368N	P=0.498N	P=0.242N	P=0.495N
POLY 6	P=0.365N	P=0.491N	P=0.250N	P=0.471N
LOGISTIC REGRESSION	P=0.348N	P=0.478N	(e)	P=0.480N
COCH-ARM / FISHERS	P=0.366N	P=0.500N	P=0.247N	P=0.500N
ORDER RESTRICTED	P=0.216N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.229N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Skin
 Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma

TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	1/50 (2%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	4/43.92	1/44.54	3/42.79	3/45.82
POLY-3 PERCENT (g)	9.1%	2.3%	7%	6.6%
TERMINAL (d)	4/31 (13%)	1/33 (3%)	1/25 (4%)	2/35 (6%)
FIRST INCIDENCE	729 (T)	729 (T)	647	689

STATISTICAL TESTS

LIFE TABLE	P=0.516N	P=0.159N	P=0.595N	P=0.434N
POLY 3	P=0.550N	P=0.174N	P=0.514N	P=0.477N
POLY 1.5	P=0.560N	P=0.177N	P=0.510N	P=0.492N
POLY 6	P=0.536N	P=0.170N	P=0.522N	P=0.455N
LOGISTIC REGRESSION	P=0.531N	P=0.159N	P=0.536N	P=0.442N
COCH-ARM / FISHERS	P=0.562N	P=0.181N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.357N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.370N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Skin
 Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma

TUMOR RATES	#	#	#	#
OVERALL (a)	11/50 (22%)	9/50 (18%)	8/50 (16%)	10/50 (20%)
POLY-3 RATE (b)	11/44	9/45.43	8/42.91	10/46.16
POLY-3 PERCENT (g)	25%	19.8%	18.6%	21.7%
TERMINAL (d)	10/31 (32%)	6/33 (18%)	4/25 (16%)	8/35 (23%)
FIRST INCIDENCE	710	563	647	636

STATISTICAL TESTS

LIFE TABLE	P=0.391N	P=0.347N	P=0.480N	P=0.375N
POLY 3	P=0.445N	P=0.369N	P=0.323N	P=0.450N
POLY 1.5	P=0.468N	P=0.384N	P=0.318N	P=0.482N
POLY 6	P=0.413N	P=0.345N	P=0.333N	P=0.406N
LOGISTIC REGRESSION	P=0.419N	P=0.378N	P=0.391N	P=0.400N
COCH-ARM / FISHERS	P=0.476N	P=0.402N	P=0.306N	P=0.500N
ORDER RESTRICTED	P=0.451N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.462N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
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 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin
 Fibroma**

TUMOR RATES	#	#	#	#
OVERALL (a)	8/50 (16%)	6/50 (12%)	4/50 (8%)	6/50 (12%)
POLY-3 RATE (b)	8/44.34	6/45.03	4/42.8	6/46.03
POLY-3 PERCENT (g)	18%	13.3%	9.4%	13%
TERMINAL (d)	6/31 (19%)	5/33 (15%)	3/25 (12%)	3/35 (9%)
FIRST INCIDENCE	619	580	619	681

STATISTICAL TESTS

LIFE TABLE	P=0.280N	P=0.349N	P=0.278N	P=0.305N
POLY 3	P=0.314N	P=0.374N	P=0.192N	P=0.357N
POLY 1.5	P=0.327N	P=0.380N	P=0.187N	P=0.378N
POLY 6	P=0.295N	P=0.365N	P=0.202N	P=0.329N
LOGISTIC REGRESSION	P=0.307N	P=0.374N	P=0.200N	P=0.349N
COCH-ARM / FISHERS	P=0.329N	P=0.387N	P=0.178N	P=0.387N
ORDER RESTRICTED	P=0.271N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.283N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

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

TUMOR RATES	#	#	#	#
OVERALL (a)	9/50 (18%)	6/50 (12%)	4/50 (8%)	6/50 (12%)
POLY-3 RATE (b)	9/44.62	6/45.03	4/42.8	6/46.03
POLY-3 PERCENT (g)	20.2%	13.3%	9.4%	13%
TERMINAL (d)	6/31 (19%)	5/33 (15%)	3/25 (12%)	3/35 (9%)
FIRST INCIDENCE	619	580	619	681

STATISTICAL TESTS

LIFE TABLE	P=0.207N	P=0.256N	P=0.197N	P=0.220N
POLY 3	P=0.234N	P=0.279N	P=0.130N	P=0.264N
POLY 1.5	P=0.245N	P=0.283N	P=0.125N	P=0.282N
POLY 6	P=0.220N	P=0.274N	P=0.140N	P=0.242N
LOGISTIC REGRESSION	P=0.231N	P=0.279N	P=0.130N	P=0.266N
COCH-ARM / FISHERS	P=0.246N	P=0.288N	P=0.117N	P=0.288N
ORDER RESTRICTED	P=0.169N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.179N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin
 Keratoacanthoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	6/50 (12%)	7/50 (14%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	6/44	7/45.43	5/42.53	5/46
POLY-3 PERCENT (g)	13.6%	15.4%	11.8%	10.9%
TERMINAL (d)	5/31 (16%)	4/33 (12%)	3/25 (12%)	4/35 (11%)
FIRST INCIDENCE	710	563	709	636

STATISTICAL TESTS

LIFE TABLE	P=0.314N	P=0.542	P=0.615	P=0.415N
POLY 3	P=0.346N	P=0.525	P=0.524N	P=0.469N
POLY 1.5	P=0.363N	P=0.513	P=0.515N	P=0.489N
POLY 6	P=0.323N	P=0.543	P=0.539N	P=0.441N
LOGISTIC REGRESSION	P=0.339N	P=0.510	P=0.597N	P=0.446N
COCH-ARM / FISHERS	P=0.368N	P=0.500	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.480N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.488N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Skin
 Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	2/43.92	2/44.54	0/42.41	2/45.82
POLY-3 PERCENT (g)	4.6%	4.5%	0%	4.4%
TERMINAL (d)	2/31 (7%)	2/33 (6%)	0/25 (0%)	1/35 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	---	689

STATISTICAL TESTS

LIFE TABLE	P=0.522N	P=0.673N	P=0.286N	P=0.649N
POLY 3	P=0.552N	P=0.689N	P=0.245N	P=0.679N
POLY 1.5	P=0.556N	P=0.691N	P=0.242N	P=0.689N
POLY 6	P=0.547N	P=0.685N	P=0.250N	P=0.664N
LOGISTIC REGRESSION	P=0.522N	P=0.673N	(e)	P=0.668N
COCH-ARM / FISHERS	P=0.556N	P=0.691N	P=0.247N	P=0.691N
ORDER RESTRICTED	P=0.437N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.447N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin
 Squamous Cell Papilloma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/43.92	0/44.54	0/42.41	1/45.66
POLY-3 PERCENT (g)	2.3%	0%	0%	2.2%
TERMINAL (d)	1/31 (3%)	0/33 (0%)	0/25 (0%)	1/35 (3%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.609	P=0.488N	P=0.543N	P=0.735N
POLY 3	P=0.598	P=0.497N	P=0.507N	P=0.752N
POLY 1.5	P=0.595	P=0.499N	P=0.504N	P=0.758N
POLY 6	P=0.602	P=0.495N	P=0.511N	P=0.744N
LOGISTIC REGRESSION	P=0.609	(e)	(e)	P=0.735N
COCH-ARM / FISHERS	P=0.595	P=0.500N	P=0.500N	P=0.753N
ORDER RESTRICTED	P=0.394N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.406N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin
 Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	7/50 (14%)	8/50 (16%)	5/50 (10%)	7/50 (14%)
POLY-3 RATE (b)	7/44	8/45.43	5/42.53	7/46
POLY-3 PERCENT (g)	15.9%	17.6%	11.8%	15.2%
TERMINAL (d)	6/31 (19%)	5/33 (15%)	3/25 (12%)	6/35 (17%)
FIRST INCIDENCE	710	563	709	636

STATISTICAL TESTS

LIFE TABLE	P=0.416N	P=0.546	P=0.523N	P=0.517N
POLY 3	P=0.463N	P=0.527	P=0.402N	P=0.579N
POLY 1.5	P=0.481N	P=0.514	P=0.394N	P=0.601N
POLY 6	P=0.438N	P=0.547	P=0.417N	P=0.547N
LOGISTIC REGRESSION	P=0.442N	P=0.514	P=0.480N	P=0.543N
COCH-ARM / FISHERS	P=0.486N	P=0.500	P=0.380N	P=0.613N
ORDER RESTRICTED	P=0.529N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.536N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin
 Squamous Cell Papilloma, Papilloma, or Keratoacanthoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	7/50 (14%)	7/50 (14%)	5/50 (10%)	6/50 (12%)
POLY-3 RATE (b)	7/44	7/45.43	5/42.53	6/46
POLY-3 PERCENT (g)	15.9%	15.4%	11.8%	13%
TERMINAL (d)	6/31 (19%)	4/33 (12%)	3/25 (12%)	5/35 (14%)
FIRST INCIDENCE	710	563	709	636

STATISTICAL TESTS

LIFE TABLE	P=0.340N	P=0.568N	P=0.523N	P=0.407N
POLY 3	P=0.379N	P=0.589N	P=0.402N	P=0.466N
POLY 1.5	P=0.396N	P=0.600N	P=0.394N	P=0.488N
POLY 6	P=0.356N	P=0.571N	P=0.417N	P=0.435N
LOGISTIC REGRESSION	P=0.364N	P=0.603N	P=0.480N	P=0.433N
COCH-ARM / FISHERS	P=0.400N	P=0.613N	P=0.380N	P=0.500N
ORDER RESTRICTED	P=0.502N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.511N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

	Males			
DOSE	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Stomach, Glandular
 Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/43.92	0/44.54	0/42.41	2/45.66
POLY-3 PERCENT (g)	0%	0%	0%	4.4%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	0/25 (0%)	2/35 (6%)
FIRST INCIDENCE	---	---	---	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.058	(e)	(e)	P=0.265
POLY 3	P=0.046*	(e)	(e)	P=0.246
POLY 1.5	P=0.046*	(e)	(e)	P=0.240
POLY 6	P=0.048*	(e)	(e)	P=0.254
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.265
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
ORDER RESTRICTED	P=0.033*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.039*	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Testes
 Adenoma

TUMOR RATES

OVERALL (a)	49/50 (98%)	44/50 (88%)	42/50 (84%)	48/50 (96%)
POLY-3 RATE (b)	49/49.87	44/47.82	42/45.75	48/48.15
POLY-3 PERCENT (g)	98.3%	92%	91.8%	99.7%
TERMINAL (d)	31/31 (100%)	31/33 (94%)	25/25 (100%)	35/35 (100%)
FIRST INCIDENCE	491	535	583	538

STATISTICAL TESTS

LIFE TABLE	P=0.251N	P=0.138N	P=0.542	P=0.168N
POLY 3	P=0.298	P=0.140N	P=0.109N	P=0.630
POLY 1.5	P=0.347	P=0.094N	P=0.048N*	P=0.679
POLY 6	P=0.270	P=0.215N	P=0.313N	P=0.643
LOGISTIC REGRESSION	P=0.526N	P=0.047N*	P=0.012N*	P=0.785N
COCH-ARM / FISHERS	P=0.551N	P=0.056N	P=0.015N*	P=0.500N
ORDER RESTRICTED	P=0.078	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.087	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Thyroid Gland: C-Cell
 Adenoma**

TUMOR RATES

OVERALL (a)	10/49 (20%)	5/47 (11%)	4/49 (8%)	9/46 (20%)
POLY-3 RATE (b)	10/43.26	5/43.2	4/42.24	9/42.29
POLY-3 PERCENT (g)	23.1%	11.6%	9.5%	21.3%
TERMINAL (d)	9/31 (29%)	3/33 (9%)	2/25 (8%)	9/35 (26%)
FIRST INCIDENCE	652	563	568	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.482N	P=0.109N	P=0.138N	P=0.382N
POLY 3	P=0.521	P=0.127N	P=0.076N	P=0.522N
POLY 1.5	P=0.510	P=0.137N	P=0.076N	P=0.549N
POLY 6	P=0.535	P=0.114N	P=0.079N	P=0.485N
LOGISTIC REGRESSION	P=0.553	P=0.131N	P=0.085N	P=0.425N
COCH-ARM / FISHERS	P=0.513	P=0.150N	P=0.074N	P=0.562N
ORDER RESTRICTED	P=0.200N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.206N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Thyroid Gland: C-Cell
 Carcinoma**

TUMOR RATES

OVERALL (a)	1/49 (2%)	2/47 (4%)	0/49 (0%)	0/46 (0%)
POLY-3 RATE (b)	1/42.97	2/42.58	0/41.66	0/42.29
POLY-3 PERCENT (g)	2.3%	4.7%	0%	0%
TERMINAL (d)	1/31 (3%)	2/33 (6%)	0/25 (0%)	0/35 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.182N	P=0.522	P=0.543N	P=0.476N
POLY 3	P=0.191N	P=0.497	P=0.506N	P=0.503N
POLY 1.5	P=0.194N	P=0.492	P=0.504N	P=0.509N
POLY 6	P=0.186N	P=0.505	P=0.510N	P=0.495N
LOGISTIC REGRESSION	P=0.182N	P=0.522	(e)	(e)
COCH-ARM / FISHERS	P=0.195N	P=0.484	P=0.500N	P=0.516N
ORDER RESTRICTED	P=0.169N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.175N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Thyroid Gland: C-Cell
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	11/49 (22%)	7/47 (15%)	4/49 (8%)	9/46 (20%)
POLY-3 RATE (b)	11/43.26	7/43.2	4/42.24	9/42.29
POLY-3 PERCENT (g)	25.4%	16.2%	9.5%	21.3%
TERMINAL (d)	10/31 (32%)	5/33 (15%)	2/25 (8%)	9/35 (26%)
FIRST INCIDENCE	652	563	568	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.315N	P=0.179N	P=0.094N	P=0.283N
POLY 3	P=0.416N	P=0.214N	P=0.046N*	P=0.422N
POLY 1.5	P=0.427N	P=0.228N	P=0.046N*	P=0.450N
POLY 6	P=0.401N	P=0.194N	P=0.048N*	P=0.383N
LOGISTIC REGRESSION	P=0.377N	P=0.211N	P=0.054N	P=0.323N
COCH-ARM / FISHERS	P=0.426N	P=0.247N	P=0.045N*	P=0.464N
ORDER RESTRICTED	P=0.174N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.179N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Thyroid Gland: Follicular Cell
 Adenoma**

TUMOR RATES

OVERALL (a)	0/49 (0%)	0/47 (0%)	0/49 (0%)	0/46 (0%)
POLY-3 RATE (b)	0/42.97	0/42.58	0/41.66	0/42.29
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	0/25 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

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

TUMOR RATES

OVERALL (a)	0/49 (0%)	0/47 (0%)	1/49 (2%)	1/46 (2%)
POLY-3 RATE (b)	0/42.97	0/42.58	1/41.81	1/42.29
POLY-3 PERCENT (g)	0%	0%	2.4%	2.4%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	0/25 (0%)	1/35 (3%)
FIRST INCIDENCE	---	---	691	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.258	(e)	P=0.472	P=0.524
POLY 3	P=0.238	(e)	P=0.495	P=0.497
POLY 1.5	P=0.230	(e)	P=0.496	P=0.491
POLY 6	P=0.248	(e)	P=0.491	P=0.505
LOGISTIC REGRESSION	P=0.232	(e)	P=0.498	P=0.524
COCH-ARM / FISHERS	P=0.226	(e)	P=0.500	P=0.484
ORDER RESTRICTED	P=0.245	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.252	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

	Males			
DOSE	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Tongue
 Squamous Cell Carcinoma or Papilloma Squamous**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	0/43.92	0/44.54	2/42.49	2/46
POLY-3 PERCENT (g)	0%	0%	4.7%	4.4%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	1/25 (4%)	1/35 (3%)
FIRST INCIDENCE	---	---	709	636

STATISTICAL TESTS

LIFE TABLE	P=0.107	(e)	P=0.203	P=0.266
POLY 3	P=0.094	(e)	P=0.230	P=0.248
POLY 1.5	P=0.088	(e)	P=0.232	P=0.241
POLY 6	P=0.101	(e)	P=0.225	P=0.257
LOGISTIC REGRESSION	P=0.087	(e)	P=0.217	P=0.238
COCH-ARM / FISHERS	P=0.086	(e)	P=0.247	P=0.247
ORDER RESTRICTED	P=0.110	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.122	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Tongue
 Squamous Cell Papilloma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/43.92	0/44.54	1/42.41	1/46
POLY-3 PERCENT (g)	0%	0%	2.4%	2.2%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	1/25 (4%)	0/35 (0%)
FIRST INCIDENCE	---	---	729 (T)	636

STATISTICAL TESTS

LIFE TABLE	P=0.258	(e)	P=0.457	P=0.523
POLY 3	P=0.249	(e)	P=0.493	P=0.509
POLY 1.5	P=0.241	(e)	P=0.496	P=0.503
POLY 6	P=0.261	(e)	P=0.489	P=0.518
LOGISTIC REGRESSION	P=0.236	(e)	P=0.457	P=0.516
COCH-ARM / FISHERS	P=0.236	(e)	P=0.500	P=0.500
ORDER RESTRICTED	P=0.244	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.258	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Zymbal's Gland
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.92	0/44.54	2/43.1	0/45.66
POLY-3 PERCENT (g)	0%	0%	4.6%	0%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	1/25 (4%)	0/35 (0%)
FIRST INCIDENCE	---	---	496	---

STATISTICAL TESTS

LIFE TABLE	P=0.599	(e)	P=0.214	(e)
POLY 3	P=0.617	(e)	P=0.233	(e)
POLY 1.5	P=0.602	(e)	P=0.234	(e)
POLY 6	P=0.636	(e)	P=0.229	(e)
LOGISTIC REGRESSION	P=0.647	(e)	P=0.275	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
ORDER RESTRICTED	P=0.243	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.255	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

All Organs
Histiocytic Sarcoma

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/43.92	1/44.67	1/42.49	2/45.85
POLY-3 PERCENT (g)	0%	2.2%	2.4%	4.4%
TERMINAL (d)	0/31 (0%)	0/33 (0%)	0/25 (0%)	1/35 (3%)
FIRST INCIDENCE	---	696	710	680

STATISTICAL TESTS

LIFE TABLE	P=0.183	P=0.500	P=0.468	P=0.272
POLY 3	P=0.163	P=0.503	P=0.493	P=0.247
POLY 1.5	P=0.156	P=0.502	P=0.496	P=0.240
POLY 6	P=0.172	P=0.506	P=0.489	P=0.256
LOGISTIC REGRESSION	P=0.156	P=0.500	P=0.490	P=0.240
COCH-ARM / FISHERS	P=0.153	P=0.500	P=0.500	P=0.247
ORDER RESTRICTED	P=0.124	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.136	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

	Males			
DOSE	0 MG/L	50 MG/L	100 MG/L	200 MG/L

All Organs
 Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated

TUMOR RATES	#	#	#	#
OVERALL (a)	21/50 (42%)	19/50 (38%)	20/50 (40%)	20/50 (40%)
POLY-3 RATE (b)	21/47.64	19/46.9	20/45.6	20/48.3
POLY-3 PERCENT (g)	44.1%	40.5%	43.9%	41.4%
TERMINAL (d)	9/31 (29%)	12/33 (36%)	5/25 (20%)	11/35 (31%)
FIRST INCIDENCE	491	461	494	383

STATISTICAL TESTS

LIFE TABLE	P=0.386N	P=0.375N	P=0.456	P=0.368N
POLY 3	P=0.474N	P=0.443N	P=0.575N	P=0.477N
POLY 1.5	P=0.501N	P=0.434N	P=0.551N	P=0.500N
POLY 6	P=0.439N	P=0.454N	P=0.572	P=0.448N
LOGISTIC REGRESSION	P=0.499N	P=0.433N	P=0.476N	P=0.508N
COCH-ARM / FISHERS	P=0.500N	P=0.419N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.616N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.616N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

All Organs
 Mesothelioma: Benign, Malignant, NOS

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	6/50 (12%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/43.92	6/45.24	0/42.41	1/45.66
POLY-3 PERCENT (g)	0%	13.3%	0%	2.2%
TERMINAL (d)	0/31 (0%)	3/33 (9%)	0/25 (0%)	1/35 (3%)
FIRST INCIDENCE	---	594	---	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.350N	P=0.022*	(e)	P=0.524
POLY 3	P=0.351N	P=0.017*	(e)	P=0.508
POLY 1.5	P=0.363N	P=0.016*	(e)	P=0.502
POLY 6	P=0.333N	P=0.018*	(e)	P=0.515
LOGISTIC REGRESSION	P=0.370N	P=0.018*	(e)	P=0.524
COCH-ARM / FISHERS	P=0.373N	P=0.013*	(e)	P=0.500
ORDER RESTRICTED	P=0.121N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.133N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

All Organs
Mesothelioma: Malignant

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	6/50 (12%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/43.92	6/45.24	0/42.41	1/45.66
POLY-3 PERCENT (g)	0%	13.3%	0%	2.2%
TERMINAL (d)	0/31 (0%)	3/33 (9%)	0/25 (0%)	1/35 (3%)
FIRST INCIDENCE	---	594	---	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.350N	P=0.022*	(e)	P=0.524
POLY 3	P=0.351N	P=0.017*	(e)	P=0.508
POLY 1.5	P=0.363N	P=0.016*	(e)	P=0.502
POLY 6	P=0.333N	P=0.018*	(e)	P=0.515
LOGISTIC REGRESSION	P=0.370N	P=0.018*	(e)	P=0.524
COCH-ARM / FISHERS	P=0.373N	P=0.013*	(e)	P=0.500
ORDER RESTRICTED	P=0.121N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.133N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

	Males			
DOSE	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs
 Benign Tumors**

TUMOR RATES

	#	#	#	#
OVERALL (a)	50/50 (100%)	47/50 (94%)	47/50 (94%)	48/50 (96%)
POLY-3 RATE (b)	50/50	47/48.57	47/47.67	48/48.15
POLY-3 PERCENT (g)	100%	96.8%	98.6%	99.7%
TERMINAL (d)	31/31 (100%)	32/33 (97%)	25/25 (100%)	35/35 (100%)
FIRST INCIDENCE	491	535	568	538

STATISTICAL TESTS

LIFE TABLE	P=0.189N	P=0.233N	P=0.292	P=0.129N
POLY 3	P=0.590	P=0.291N	P=0.761N	P=1.000N
POLY 1.5	P=0.628	P=0.191N	P=0.336N	P=0.944N
POLY 6	P=0.572	P=0.427N	P=1.000N	P=1.000N
LOGISTIC REGRESSION	P=0.425N	P=0.105N	(e)	(e)
COCH-ARM / FISHERS	P=0.313N	P=0.121N	P=0.121N	P=0.247N
ORDER RESTRICTED	P=0.260N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.273N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs
 Malignant Tumors**

TUMOR RATES	#	#	#	#
OVERALL (a)	27/50 (54%)	29/50 (58%)	31/50 (62%)	25/50 (50%)
POLY-3 RATE (b)	27/47.93	29/48.57	31/48.31	25/48.65
POLY-3 PERCENT (g)	56.3%	59.7%	64.2%	51.4%
TERMINAL (d)	14/31 (45%)	16/33 (49%)	11/25 (44%)	14/35 (40%)
FIRST INCIDENCE	491	461	251	383

STATISTICAL TESTS

LIFE TABLE	P=0.263N	P=0.513	P=0.156	P=0.281N
POLY 3	P=0.319N	P=0.448	P=0.280	P=0.389N
POLY 1.5	P=0.352N	P=0.436	P=0.277	P=0.419N
POLY 6	P=0.279N	P=0.468	P=0.285	P=0.350N
LOGISTIC REGRESSION	P=0.364N	P=0.402	P=0.311	P=0.425N
COCH-ARM / FISHERS	P=0.350N	P=0.420	P=0.272	P=0.421N
ORDER RESTRICTED	P=0.306N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.313N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

All Organs
Malignant and Benign Tumors

TUMOR RATES	#	#	#	#
OVERALL (a)	50/50 (100%)	49/50 (98%)	50/50 (100%)	49/50 (98%)
POLY-3 RATE (b)	50/50	49/50	50/50	49/49
POLY-3 PERCENT (g)	100%	98%	100%	100%
TERMINAL (d)	31/31 (100%)	32/33 (97%)	25/25 (100%)	35/35 (100%)
FIRST INCIDENCE	491	461	251	383

STATISTICAL TESTS

LIFE TABLE	P=0.233N	P=0.352N	(e)	P=0.174N
POLY 3	P=0.568	P=0.500N	(e)	P=1.000N
POLY 1.5	P=0.569	P=0.500N	(e)	P=1.000N
POLY 6	P=0.568	P=0.500N	(e)	P=0.500N
LOGISTIC REGRESSION	P=0.720	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.500N	(e)	P=0.500N
ORDER RESTRICTED	P=0.385	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.395	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Adrenal Cortex
 Adenoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/42.91	0/45.69	0/45.03	2/44.59
POLY-3 PERCENT (g)	0%	0%	0%	4.5%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	2/31 (7%)
FIRST INCIDENCE	---	---	---	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.045*	(e)	(e)	P=0.253
POLY 3	P=0.046*	(e)	(e)	P=0.246
POLY 1.5	P=0.045*	(e)	(e)	P=0.242
POLY 6	P=0.046*	(e)	(e)	P=0.251
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.253
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
ORDER RESTRICTED	P=0.033*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.039*	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Adrenal Medulla
 Pheochromocytoma Benign**

TUMOR RATES

OVERALL (a)	1/49 (2%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/42.9	2/45.69	1/45.03	0/44.59
POLY-3 PERCENT (g)	2.3%	4.4%	2.2%	0%
TERMINAL (d)	0/29 (0%)	2/35 (6%)	1/29 (3%)	0/31 (0%)
FIRST INCIDENCE	608	729 (T)	729 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.244N	P=0.554	P=0.753N	P=0.486N
POLY 3	P=0.239N	P=0.522	P=0.750N	P=0.492N
POLY 1.5	P=0.242N	P=0.516	P=0.752N	P=0.494N
POLY 6	P=0.237N	P=0.528	P=0.749N	P=0.490N
LOGISTIC REGRESSION	P=0.243N	P=0.494	P=0.748	P=0.502N
COCH-ARM / FISHERS	P=0.243N	P=0.508	P=0.747N	P=0.495N
ORDER RESTRICTED	P=0.230N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.239N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Adrenal Medulla
 Pheochromocytoma Malignant**

TUMOR RATES

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.48	0/45.69	0/45.03	0/44.59
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Adrenal Medulla
 Pheochromocytoma: Benign, Complex, Malignant, NOS**

TUMOR RATES

OVERALL (a)	1/49 (2%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/42.9	2/45.69	1/45.03	0/44.59
POLY-3 PERCENT (g)	2.3%	4.4%	2.2%	0%
TERMINAL (d)	0/29 (0%)	2/35 (6%)	1/29 (3%)	0/31 (0%)
FIRST INCIDENCE	608	729 (T)	729 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.244N	P=0.554	P=0.753N	P=0.486N
POLY 3	P=0.239N	P=0.522	P=0.750N	P=0.492N
POLY 1.5	P=0.242N	P=0.516	P=0.752N	P=0.494N
POLY 6	P=0.237N	P=0.528	P=0.749N	P=0.490N
LOGISTIC REGRESSION	P=0.243N	P=0.494	P=0.748	P=0.502N
COCH-ARM / FISHERS	P=0.243N	P=0.508	P=0.747N	P=0.495N
ORDER RESTRICTED	P=0.230N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.239N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Clitoral/Preputial Gland
 Adenoma**

TUMOR RATES

OVERALL (a)	5/50 (10%)	2/50 (4%)	1/47 (2%)	3/50 (6%)
POLY-3 RATE (b)	5/42.94	2/45.69	1/42.79	3/44.65
POLY-3 PERCENT (g)	11.6%	4.4%	2.3%	6.7%
TERMINAL (d)	4/29 (14%)	2/35 (6%)	0/29 (0%)	2/31 (7%)
FIRST INCIDENCE	722	729 (T)	566	714

STATISTICAL TESTS

LIFE TABLE	P=0.317N	P=0.150N	P=0.103N	P=0.322N
POLY 3	P=0.321N	P=0.191N	P=0.101N	P=0.334N
POLY 1.5	P=0.322N	P=0.201N	P=0.107N	P=0.345N
POLY 6	P=0.319N	P=0.179N	P=0.095N	P=0.321N
LOGISTIC REGRESSION	P=0.308N	P=0.153N	P=0.110N	P=0.309N
COCH-ARM / FISHERS	P=0.323N	P=0.218N	P=0.117N	P=0.357N
ORDER RESTRICTED	P=0.128N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.142N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Clitoral/Preputial Gland
 Carcinoma**

TUMOR RATES

OVERALL (a)	1/50 (2%)	5/50 (10%)	4/47 (9%)	3/50 (6%)
POLY-3 RATE (b)	1/43.18	5/45.69	4/42.77	3/44.7
POLY-3 PERCENT (g)	2.3%	10.9%	9.4%	6.7%
TERMINAL (d)	0/29 (0%)	5/35 (14%)	2/29 (7%)	2/31 (7%)
FIRST INCIDENCE	656	729 (T)	596	702

STATISTICAL TESTS

LIFE TABLE	P=0.414	P=0.147	P=0.196	P=0.336
POLY 3	P=0.423	P=0.114	P=0.175	P=0.318
POLY 1.5	P=0.413	P=0.110	P=0.170	P=0.312
POLY 6	P=0.437	P=0.120	P=0.181	P=0.325
LOGISTIC REGRESSION	P=0.414	P=0.125	P=0.150	P=0.315
COCH-ARM / FISHERS	P=0.401	P=0.102	P=0.162	P=0.309
ORDER RESTRICTED	P=0.179	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.194	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Clitoral/Preputial Gland
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	6/50 (12%)	7/50 (14%)	5/47 (11%)	6/50 (12%)
POLY-3 RATE (b)	6/43.21	7/45.69	5/43.3	6/44.76
POLY-3 PERCENT (g)	13.9%	15.3%	11.6%	13.4%
TERMINAL (d)	4/29 (14%)	7/35 (20%)	2/29 (7%)	4/31 (13%)
FIRST INCIDENCE	656	729 (T)	566	702

STATISTICAL TESTS

LIFE TABLE	P=0.492N	P=0.601N	P=0.484N	P=0.569N
POLY 3	P=0.486N	P=0.543	P=0.498N	P=0.596N
POLY 1.5	P=0.495N	P=0.526	P=0.516N	P=0.607N
POLY 6	P=0.474N	P=0.562	P=0.480N	P=0.582N
LOGISTIC REGRESSION	P=0.484N	P=0.595	P=0.542N	P=0.569N
COCH-ARM / FISHERS	P=0.505N	P=0.500	P=0.544N	P=0.620N
ORDER RESTRICTED	P=0.603N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.608N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Heart
 Schwannoma Benign**

TUMOR RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/42.91	0/45.69	0/45.03	1/44.59
POLY-3 PERCENT (g)	2.3%	0%	0%	2.2%
TERMINAL (d)	1/29 (3%)	0/35 (0%)	0/29 (0%)	1/31 (3%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.596	P=0.462N	P=0.500N	P=0.747N
POLY 3	P=0.592	P=0.487N	P=0.490N	P=0.752N
POLY 1.5	P=0.593	P=0.492N	P=0.494N	P=0.756N
POLY 6	P=0.591	P=0.482N	P=0.487N	P=0.747N
LOGISTIC REGRESSION	P=0.596	(e)	(e)	P=0.747N
COCH-ARM / FISHERS	P=0.595	P=0.500N	P=0.500N	P=0.753N
ORDER RESTRICTED	P=0.387N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.399N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Intestine Large: Colon/Rectum
 Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/42.91	1/45.69	0/45.03	1/44.59
POLY-3 PERCENT (g)	0%	2.2%	0%	2.2%
TERMINAL (d)	0/29 (0%)	1/35 (3%)	0/29 (0%)	1/31 (3%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.404	P=0.538	(e)	P=0.513
POLY 3	P=0.417	P=0.513	(e)	P=0.508
POLY 1.5	P=0.412	P=0.508	(e)	P=0.504
POLY 6	P=0.424	P=0.518	(e)	P=0.512
LOGISTIC REGRESSION	(e)	P=0.538	(e)	P=0.513
COCH-ARM / FISHERS	P=0.405	P=0.500	(e)	P=0.500
ORDER RESTRICTED	P=0.258	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.270	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Intestine Large: Colon/Rectum
 Carcinoma or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/43.04	1/45.69	0/45.03	1/44.59
POLY-3 PERCENT (g)	2.3%	2.2%	0%	2.2%
TERMINAL (d)	0/29 (0%)	1/35 (3%)	0/29 (0%)	1/31 (3%)
FIRST INCIDENCE	696	729 (T)	---	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.609N	P=0.727N	P=0.478N	P=0.741N
POLY 3	P=0.613N	P=0.747N	P=0.491N	P=0.753N
POLY 1.5	P=0.614N	P=0.752N	P=0.494N	P=0.756N
POLY 6	P=0.612N	P=0.741N	P=0.488N	P=0.748N
LOGISTIC REGRESSION	P=0.606N	P=0.746N	P=0.498N	P=0.751N
COCH-ARM / FISHERS	P=0.616N	P=0.753N	P=0.500N	P=0.753N
ORDER RESTRICTED	P=0.526N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.532N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Islets, Pancreatic
 Adenoma**

TUMOR RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	2/49 (4%)
POLY-3 RATE (b)	1/42.91	1/45.69	0/45.03	2/44.71
POLY-3 PERCENT (g)	2.3%	2.2%	0%	4.5%
TERMINAL (d)	1/29 (3%)	1/35 (3%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	590

STATISTICAL TESTS

LIFE TABLE	P=0.376	P=0.720N	P=0.500N	P=0.531
POLY 3	P=0.370	P=0.747N	P=0.490N	P=0.514
POLY 1.5	P=0.366	P=0.752N	P=0.494N	P=0.505
POLY 6	P=0.376	P=0.740N	P=0.487N	P=0.527
LOGISTIC REGRESSION	P=0.356	P=0.720N	(e)	P=0.480
COCH-ARM / FISHERS	P=0.360	P=0.753N	P=0.500N	P=0.492
ORDER RESTRICTED	P=0.280	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.293	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Islets, Pancreatic
 Carcinoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/42.91	0/45.69	0/45.03	0/44.16
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Islets, Pancreatic
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	2/49 (4%)
POLY-3 RATE (b)	1/42.91	1/45.69	0/45.03	2/44.71
POLY-3 PERCENT (g)	2.3%	2.2%	0%	4.5%
TERMINAL (d)	1/29 (3%)	1/35 (3%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	590

STATISTICAL TESTS

LIFE TABLE	P=0.376	P=0.720N	P=0.500N	P=0.531
POLY 3	P=0.370	P=0.747N	P=0.490N	P=0.514
POLY 1.5	P=0.366	P=0.752N	P=0.494N	P=0.505
POLY 6	P=0.376	P=0.740N	P=0.487N	P=0.527
LOGISTIC REGRESSION	P=0.356	P=0.720N	(e)	P=0.480
COCH-ARM / FISHERS	P=0.360	P=0.753N	P=0.500N	P=0.492
ORDER RESTRICTED	P=0.280	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.293	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Liver
 Hepatocellular Carcinoma or Hepatocellular Adenoma

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.91	0/45.69	1/45.48	0/44.59
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	596	---

STATISTICAL TESTS

LIFE TABLE	P=0.703	(e)	P=0.522	(e)
POLY 3	P=0.701	(e)	P=0.512	(e)
POLY 1.5	P=0.697	(e)	P=0.507	(e)
POLY 6	P=0.706	(e)	P=0.516	(e)
LOGISTIC REGRESSION	P=0.695	(e)	P=0.386	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.392	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.404	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Liver
 Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.91	0/45.69	1/45.48	0/44.59
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	596	---

STATISTICAL TESTS

LIFE TABLE	P=0.703	(e)	P=0.522	(e)
POLY 3	P=0.701	(e)	P=0.512	(e)
POLY 1.5	P=0.697	(e)	P=0.507	(e)
POLY 6	P=0.706	(e)	P=0.516	(e)
LOGISTIC REGRESSION	P=0.695	(e)	P=0.386	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.392	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.404	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Lung
 Alveolar/Bronchiolar Adenoma**

TUMOR RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/42.91	0/45.69	1/45.03	1/44.65
POLY-3 PERCENT (g)	2.3%	0%	2.2%	2.2%
TERMINAL (d)	1/29 (3%)	0/35 (0%)	1/29 (3%)	0/31 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	714

STATISTICAL TESTS

LIFE TABLE	P=0.542	P=0.462N	P=0.762	P=0.743N
POLY 3	P=0.540	P=0.487N	P=0.750N	P=0.752N
POLY 1.5	P=0.539	P=0.492N	P=0.754N	P=0.756N
POLY 6	P=0.542	P=0.482N	P=0.746N	P=0.746N
LOGISTIC REGRESSION	P=0.551	(e)	P=0.762	P=0.745N
COCH-ARM / FISHERS	P=0.539	P=0.500N	P=0.753N	P=0.753N
ORDER RESTRICTED	P=0.545	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.550	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

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

TUMOR RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/42.91	0/45.69	1/45.03	2/44.65
POLY-3 PERCENT (g)	2.3%	0%	2.2%	4.5%
TERMINAL (d)	1/29 (3%)	0/35 (0%)	1/29 (3%)	1/31 (3%)
FIRST INCIDENCE	729 (T)	---	729 (T)	714

STATISTICAL TESTS

LIFE TABLE	P=0.249	P=0.462N	P=0.762	P=0.526
POLY 3	P=0.249	P=0.487N	P=0.750N	P=0.514
POLY 1.5	P=0.248	P=0.492N	P=0.754N	P=0.508
POLY 6	P=0.250	P=0.482N	P=0.746N	P=0.523
LOGISTIC REGRESSION	P=0.255	(e)	P=0.762	P=0.529
COCH-ARM / FISHERS	P=0.247	P=0.500N	P=0.753N	P=0.500
ORDER RESTRICTED	P=0.234	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.246	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Mammary Gland
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	5/50 (10%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	2/43.51	5/46.2	5/45.5	3/44.97
POLY-3 PERCENT (g)	4.6%	10.8%	11%	6.7%
TERMINAL (d)	1/29 (3%)	3/35 (9%)	3/29 (10%)	1/31 (3%)
FIRST INCIDENCE	535	600	596	657

STATISTICAL TESTS

LIFE TABLE	P=0.528	P=0.286	P=0.230	P=0.529
POLY 3	P=0.537	P=0.241	P=0.234	P=0.515
POLY 1.5	P=0.528	P=0.231	P=0.228	P=0.508
POLY 6	P=0.552	P=0.253	P=0.241	P=0.526
LOGISTIC REGRESSION	P=0.513	P=0.182	P=0.194	P=0.485
COCH-ARM / FISHERS	P=0.518	P=0.218	P=0.218	P=0.500
ORDER RESTRICTED	P=0.324	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.336	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Mammary Gland
 Carcinoma or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	5/50 (10%)	6/50 (12%)	3/50 (6%)
POLY-3 RATE (b)	2/43.51	5/46.2	6/45.5	3/44.97
POLY-3 PERCENT (g)	4.6%	10.8%	13.2%	6.7%
TERMINAL (d)	1/29 (3%)	3/35 (9%)	4/29 (14%)	1/31 (3%)
FIRST INCIDENCE	535	600	596	657

STATISTICAL TESTS

LIFE TABLE	P=0.510	P=0.286	P=0.145	P=0.529
POLY 3	P=0.520	P=0.241	P=0.147	P=0.515
POLY 1.5	P=0.510	P=0.231	P=0.142	P=0.508
POLY 6	P=0.535	P=0.253	P=0.152	P=0.526
LOGISTIC REGRESSION	P=0.497	P=0.182	P=0.125	P=0.485
COCH-ARM / FISHERS	P=0.500	P=0.218	P=0.134	P=0.500
ORDER RESTRICTED	P=0.282	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.293	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Mammary Gland
 Fibroadenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	31/50 (62%)	36/50 (72%)	31/50 (62%)	25/50 (50%)
POLY-3 RATE (b)	31/45.01	36/47.24	31/47.58	25/46.95
POLY-3 PERCENT (g)	68.9%	76.2%	65.2%	53.3%
TERMINAL (d)	22/29 (76%)	28/35 (80%)	18/29 (62%)	12/31 (39%)
FIRST INCIDENCE	535	600	594	596

STATISTICAL TESTS

LIFE TABLE	P=0.078N	P=0.525N	P=0.515N	P=0.118N
POLY 3	P=0.021N*	P=0.279	P=0.434N	P=0.086N
POLY 1.5	P=0.034N*	P=0.243	P=0.497N	P=0.115N
POLY 6	P=0.010N**	P=0.329	P=0.357N	P=0.053N
LOGISTIC REGRESSION	P=0.032N*	P=0.393	P=0.438N	P=0.103N
COCH-ARM / FISHERS	P=0.055N	P=0.198	P=0.582N	P=0.157N
ORDER RESTRICTED	P=0.030N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.032N*	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Mammary Gland
 Fibroma, Fibroadenoma or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	31/50 (62%)	36/50 (72%)	31/50 (62%)	25/50 (50%)
POLY-3 RATE (b)	31/45.01	36/47.24	31/47.58	25/46.95
POLY-3 PERCENT (g)	68.9%	76.2%	65.2%	53.3%
TERMINAL (d)	22/29 (76%)	28/35 (80%)	18/29 (62%)	12/31 (39%)
FIRST INCIDENCE	535	600	594	596

STATISTICAL TESTS

LIFE TABLE	P=0.078N	P=0.525N	P=0.515N	P=0.118N
POLY 3	P=0.021N*	P=0.279	P=0.434N	P=0.086N
POLY 1.5	P=0.034N*	P=0.243	P=0.497N	P=0.115N
POLY 6	P=0.010N**	P=0.329	P=0.357N	P=0.053N
LOGISTIC REGRESSION	P=0.032N*	P=0.393	P=0.438N	P=0.103N
COCH-ARM / FISHERS	P=0.055N	P=0.198	P=0.582N	P=0.157N
ORDER RESTRICTED	P=0.030N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.032N*	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Mammary Gland
 Fibroma, Fibroadenoma, Carcinoma, or Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	31/50 (62%)	36/50 (72%)	33/50 (66%)	26/50 (52%)
POLY-3 RATE (b)	31/45.01	36/47.24	33/48.04	26/46.95
POLY-3 PERCENT (g)	68.9%	76.2%	68.7%	55.4%
TERMINAL (d)	22/29 (76%)	28/35 (80%)	19/29 (66%)	13/31 (42%)
FIRST INCIDENCE	535	600	594	596

STATISTICAL TESTS

LIFE TABLE	P=0.116N	P=0.525N	P=0.489	P=0.152N
POLY 3	P=0.040N*	P=0.279	P=0.584N	P=0.124N
POLY 1.5	P=0.060N	P=0.243	P=0.521	P=0.161N
POLY 6	P=0.020N*	P=0.329	P=0.491N	P=0.081N
LOGISTIC REGRESSION	P=0.058N	P=0.393	P=0.555	P=0.141N
COCH-ARM / FISHERS	P=0.091N	P=0.198	P=0.418	P=0.210N
ORDER RESTRICTED	P=0.050N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.058N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)
 Papilloma Squamous or Papilloma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	1/42.91	0/45.69	4/45.59	0/44.59
POLY-3 PERCENT (g)	2.3%	0%	8.8%	0%
TERMINAL (d)	1/29 (3%)	0/35 (0%)	2/29 (7%)	0/31 (0%)
FIRST INCIDENCE	729 (T)	---	596	---

STATISTICAL TESTS

LIFE TABLE	P=0.522N	P=0.462N	P=0.197	P=0.487N
POLY 3	P=0.526N	P=0.487N	P=0.197	P=0.492N
POLY 1.5	P=0.529N	P=0.492N	P=0.190	P=0.496N
POLY 6	P=0.521N	P=0.482N	P=0.205	P=0.488N
LOGISTIC REGRESSION	P=0.530N	(e)	P=0.183	(e)
COCH-ARM / FISHERS	P=0.531N	P=0.500N	P=0.181	P=0.500N
ORDER RESTRICTED	P=0.228N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.240N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)
 Squamous Cell Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.91	0/45.69	0/45.03	0/44.59
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)
 Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	1/42.91	0/45.69	4/45.59	0/44.59
POLY-3 PERCENT (g)	2.3%	0%	8.8%	0%
TERMINAL (d)	1/29 (3%)	0/35 (0%)	2/29 (7%)	0/31 (0%)
FIRST INCIDENCE	729 (T)	---	596	---

STATISTICAL TESTS

LIFE TABLE	P=0.522N	P=0.462N	P=0.197	P=0.487N
POLY 3	P=0.526N	P=0.487N	P=0.197	P=0.492N
POLY 1.5	P=0.529N	P=0.492N	P=0.190	P=0.496N
POLY 6	P=0.521N	P=0.482N	P=0.205	P=0.488N
LOGISTIC REGRESSION	P=0.530N	(e)	P=0.183	(e)
COCH-ARM / FISHERS	P=0.531N	P=0.500N	P=0.181	P=0.500N
ORDER RESTRICTED	P=0.228N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.240N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Oral Mucosa
 Squamous Cell Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.91	0/45.69	0/45.03	0/44.59
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Pancreas
 Adenoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.91	0/45.69	0/45.03	0/44.59
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Pancreas
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.91	0/45.69	0/45.03	0/44.59
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Pituitary Gland: Pars Distalis or Unspecified Site Adenoma

TUMOR RATES

OVERALL (a)	27/49 (55%)	31/48 (65%)	29/50 (58%)	22/50 (44%)
POLY-3 RATE (b)	27/45.45	31/47.17	29/47.5	22/46.78
POLY-3 PERCENT (g)	59.4%	65.7%	61.1%	47%
TERMINAL (d)	16/29 (55%)	21/35 (60%)	16/29 (55%)	14/31 (45%)
FIRST INCIDENCE	535	561	594	590

STATISTICAL TESTS

LIFE TABLE	P=0.132N	P=0.529N	P=0.494	P=0.159N
POLY 3	P=0.074N	P=0.338	P=0.520	P=0.159N
POLY 1.5	P=0.077N	P=0.293	P=0.502	P=0.169N
POLY 6	P=0.073N	P=0.392	P=0.533	P=0.149N
LOGISTIC REGRESSION	P=0.077N	P=0.246	P=0.518	P=0.167N
COCH-ARM / FISHERS	P=0.080N	P=0.228	P=0.465	P=0.183N
ORDER RESTRICTED	P=0.093N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.101N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

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

TUMOR RATES

OVERALL (a)	27/49 (55%)	31/48 (65%)	30/50 (60%)	22/50 (44%)
POLY-3 RATE (b)	27/45.45	31/47.17	30/47.5	22/46.78
POLY-3 PERCENT (g)	59.4%	65.7%	63.2%	47%
TERMINAL (d)	16/29 (55%)	21/35 (60%)	17/29 (59%)	14/31 (45%)
FIRST INCIDENCE	535	561	594	590

STATISTICAL TESTS

LIFE TABLE	P=0.136N	P=0.529N	P=0.430	P=0.159N
POLY 3	P=0.077N	P=0.338	P=0.436	P=0.159N
POLY 1.5	P=0.080N	P=0.293	P=0.420	P=0.169N
POLY 6	P=0.076N	P=0.392	P=0.446	P=0.149N
LOGISTIC REGRESSION	P=0.079N	P=0.246	P=0.442	P=0.167N
COCH-ARM / FISHERS	P=0.083N	P=0.228	P=0.386	P=0.183N
ORDER RESTRICTED	P=0.089N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.096N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin
 Basal Cell Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/42.91	0/45.69	1/45.67	1/44.65
POLY-3 PERCENT (g)	0%	0%	2.2%	2.2%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	520	714

STATISTICAL TESTS

LIFE TABLE	P=0.236	(e)	P=0.504	P=0.518
POLY 3	P=0.241	(e)	P=0.512	P=0.508
POLY 1.5	P=0.239	(e)	P=0.508	P=0.504
POLY 6	P=0.245	(e)	P=0.517	P=0.513
LOGISTIC REGRESSION	P=0.254	(e)	P=0.253	P=0.512
COCH-ARM / FISHERS	P=0.236	(e)	P=0.500	P=0.500
ORDER RESTRICTED	P=0.258	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.271	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Skin
 Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/42.91	0/45.69	1/45.67	1/44.65
POLY-3 PERCENT (g)	0%	0%	2.2%	2.2%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	520	714

STATISTICAL TESTS

LIFE TABLE	P=0.236	(e)	P=0.504	P=0.518
POLY 3	P=0.241	(e)	P=0.512	P=0.508
POLY 1.5	P=0.239	(e)	P=0.508	P=0.504
POLY 6	P=0.245	(e)	P=0.517	P=0.513
LOGISTIC REGRESSION	P=0.254	(e)	P=0.253	P=0.512
COCH-ARM / FISHERS	P=0.236	(e)	P=0.500	P=0.500
ORDER RESTRICTED	P=0.258	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.271	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin
 Basal Cell Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.91	0/45.69	1/45.32	0/44.59
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	649	---

STATISTICAL TESTS

LIFE TABLE	P=0.704	(e)	P=0.523	(e)
POLY 3	P=0.701	(e)	P=0.511	(e)
POLY 1.5	P=0.697	(e)	P=0.507	(e)
POLY 6	P=0.706	(e)	P=0.515	(e)
LOGISTIC REGRESSION	P=0.688	(e)	P=0.456	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.391	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.403	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Skin
 Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/42.91	0/45.69	2/45.96	1/44.65
POLY-3 PERCENT (g)	0%	0%	4.4%	2.2%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	520	714

STATISTICAL TESTS

LIFE TABLE	P=0.250	(e)	P=0.255	P=0.518
POLY 3	P=0.252	(e)	P=0.253	P=0.508
POLY 1.5	P=0.248	(e)	P=0.247	P=0.504
POLY 6	P=0.257	(e)	P=0.259	P=0.513
LOGISTIC REGRESSION	P=0.258	(e)	P=0.100	P=0.512
COCH-ARM / FISHERS	P=0.246	(e)	P=0.247	P=0.500
ORDER RESTRICTED	P=0.181	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.193	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Skin
 Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	0/42.91	0/45.69	3/45.96	4/44.87
POLY-3 PERCENT (g)	0%	0%	6.5%	8.9%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	1/29 (3%)	2/31 (7%)
FIRST INCIDENCE	---	---	520	672

STATISTICAL TESTS

LIFE TABLE	P=0.012*	(e)	P=0.132	P=0.077
POLY 3	P=0.011*	(e)	P=0.131	P=0.066
POLY 1.5	P=0.011*	(e)	P=0.126	P=0.063
POLY 6	P=0.012*	(e)	P=0.137	P=0.070
LOGISTIC REGRESSION	P=0.012*	(e)	P=0.064	P=0.069
COCH-ARM / FISHERS	P=0.011*	(e)	P=0.121	P=0.059
ORDER RESTRICTED	P=0.021*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.017*	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin
 Fibroma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	0/42.91	0/45.69	4/45.25	0/44.59
POLY-3 PERCENT (g)	0%	0%	8.8%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	3/29 (10%)	0/31 (0%)
FIRST INCIDENCE	---	---	672	---

STATISTICAL TESTS

LIFE TABLE	P=0.505	(e)	P=0.069	(e)
POLY 3	P=0.512	(e)	P=0.067	(e)
POLY 1.5	P=0.506	(e)	P=0.065	(e)
POLY 6	P=0.522	(e)	P=0.070	(e)
LOGISTIC REGRESSION	P=0.511	(e)	P=0.071	(e)
COCH-ARM / FISHERS	P=0.500	(e)	P=0.059	(e)
ORDER RESTRICTED	P=0.117	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.128	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

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

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	1/43.18	0/45.69	4/45.25	0/44.59
POLY-3 PERCENT (g)	2.3%	0%	8.8%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	3/29 (10%)	0/31 (0%)
FIRST INCIDENCE	656	---	672	---

STATISTICAL TESTS

LIFE TABLE	P=0.522N	P=0.486N	P=0.197	P=0.486N
POLY 3	P=0.527N	P=0.489N	P=0.193	P=0.494N
POLY 1.5	P=0.530N	P=0.493N	P=0.188	P=0.496N
POLY 6	P=0.524N	P=0.484N	P=0.197	P=0.490N
LOGISTIC REGRESSION	P=0.527N	P=0.546N	P=0.189	P=0.509N
COCH-ARM / FISHERS	P=0.531N	P=0.500N	P=0.181	P=0.500N
ORDER RESTRICTED	P=0.227N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.237N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin
 Keratoacanthoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/42.91	0/45.69	0/45.03	1/44.81
POLY-3 PERCENT (g)	0%	0%	0%	2.2%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	672

STATISTICAL TESTS

LIFE TABLE	P=0.202	(e)	(e)	P=0.522
POLY 3	P=0.201	(e)	(e)	P=0.509
POLY 1.5	P=0.200	(e)	(e)	P=0.505
POLY 6	P=0.203	(e)	(e)	P=0.514
LOGISTIC REGRESSION	P=0.201	(e)	(e)	P=0.494
COCH-ARM / FISHERS	P=0.198	(e)	(e)	P=0.500
ORDER RESTRICTED	P=0.127	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.138	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Skin
 Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.91	0/45.69	1/45.32	0/44.59
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	649	---

STATISTICAL TESTS

LIFE TABLE	P=0.704	(e)	P=0.523	(e)
POLY 3	P=0.701	(e)	P=0.511	(e)
POLY 1.5	P=0.697	(e)	P=0.507	(e)
POLY 6	P=0.706	(e)	P=0.515	(e)
LOGISTIC REGRESSION	P=0.688	(e)	P=0.456	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.391	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.403	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin
 Squamous Cell Papilloma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/42.91	0/45.69	1/45.03	2/44.59
POLY-3 PERCENT (g)	0%	0%	2.2%	4.5%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	1/29 (3%)	2/31 (7%)
FIRST INCIDENCE	---	---	729 (T)	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.069	(e)	P=0.500	P=0.253
POLY 3	P=0.071	(e)	P=0.510	P=0.246
POLY 1.5	P=0.071	(e)	P=0.506	P=0.242
POLY 6	P=0.072	(e)	P=0.513	P=0.251
LOGISTIC REGRESSION	(e)	(e)	P=0.500	P=0.253
COCH-ARM / FISHERS	P=0.070	(e)	P=0.500	P=0.247
ORDER RESTRICTED	P=0.079	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.088	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin
 Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/42.91	0/45.69	1/45.03	3/44.81
POLY-3 PERCENT (g)	0%	0%	2.2%	6.7%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	1/29 (3%)	2/31 (7%)
FIRST INCIDENCE	---	---	729 (T)	672

STATISTICAL TESTS

LIFE TABLE	P=0.020*	(e)	P=0.500	P=0.137
POLY 3	P=0.020*	(e)	P=0.510	P=0.126
POLY 1.5	P=0.020*	(e)	P=0.506	P=0.123
POLY 6	P=0.021*	(e)	P=0.513	P=0.131
LOGISTIC REGRESSION	P=0.021*	(e)	P=0.500	P=0.128
COCH-ARM / FISHERS	P=0.020*	(e)	P=0.500	P=0.121
ORDER RESTRICTED	P=0.024*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.029*	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Skin
 Squamous Cell Papilloma, Papilloma, or Keratoacanthoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/42.91	0/45.69	1/45.03	3/44.81
POLY-3 PERCENT (g)	0%	0%	2.2%	6.7%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	1/29 (3%)	2/31 (7%)
FIRST INCIDENCE	---	---	729 (T)	672

STATISTICAL TESTS

LIFE TABLE	P=0.020*	(e)	P=0.500	P=0.137
POLY 3	P=0.020*	(e)	P=0.510	P=0.126
POLY 1.5	P=0.020*	(e)	P=0.506	P=0.123
POLY 6	P=0.021*	(e)	P=0.513	P=0.131
LOGISTIC REGRESSION	P=0.021*	(e)	P=0.500	P=0.128
COCH-ARM / FISHERS	P=0.020*	(e)	P=0.500	P=0.121
ORDER RESTRICTED	P=0.024*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.029*	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Stomach, Glandular
 Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.91	0/45.69	0/45.03	0/44.59
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Thyroid Gland: C-Cell
 Adenoma**

TUMOR RATES

OVERALL (a)	6/46 (13%)	6/48 (13%)	6/48 (13%)	5/46 (11%)
POLY-3 RATE (b)	6/40.22	6/45.16	6/43.57	5/43.18
POLY-3 PERCENT (g)	14.9%	13.3%	13.8%	11.6%
TERMINAL (d)	6/29 (21%)	4/35 (11%)	3/29 (10%)	3/31 (10%)
FIRST INCIDENCE	729 (T)	596	664	590

STATISTICAL TESTS

LIFE TABLE	P=0.412N	P=0.495N	P=0.607N	P=0.450N
POLY 3	P=0.397N	P=0.538N	P=0.564N	P=0.450N
POLY 1.5	P=0.411N	P=0.559N	P=0.574N	P=0.471N
POLY 6	P=0.380N	P=0.510N	P=0.555N	P=0.425N
LOGISTIC REGRESSION	P=0.420N	P=0.558N	P=0.572N	P=0.461N
COCH-ARM / FISHERS	P=0.432N	P=0.590N	P=0.590N	P=0.500N
ORDER RESTRICTED	P=0.523N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.531N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Thyroid Gland: C-Cell
 Carcinoma**

TUMOR RATES

OVERALL (a)	0/46 (0%)	1/48 (2%)	0/48 (0%)	0/46 (0%)
POLY-3 RATE (b)	0/40.22	1/44.33	0/43.16	0/42.49
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/29 (0%)	1/35 (3%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	729 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.568N	P=0.538	(e)	(e)
POLY 3	P=0.560N	P=0.519	(e)	(e)
POLY 1.5	P=0.563N	P=0.515	(e)	(e)
POLY 6	P=0.556N	P=0.524	(e)	(e)
LOGISTIC REGRESSION	(e)	P=0.538	(e)	(e)
COCH-ARM / FISHERS	P=0.569N	P=0.511	(e)	(e)
ORDER RESTRICTED	P=0.390N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.401N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Thyroid Gland: C-Cell
 Carcinoma or Adenoma**

TUMOR RATES

OVERALL (a)	6/46 (13%)	7/48 (15%)	6/48 (13%)	5/46 (11%)
POLY-3 RATE (b)	6/40.22	7/45.16	6/43.57	5/43.18
POLY-3 PERCENT (g)	14.9%	15.5%	13.8%	11.6%
TERMINAL (d)	6/29 (21%)	5/35 (14%)	3/29 (10%)	3/31 (10%)
FIRST INCIDENCE	729 (T)	596	664	590

STATISTICAL TESTS

LIFE TABLE	P=0.371N	P=0.602N	P=0.607N	P=0.450N
POLY 3	P=0.352N	P=0.589	P=0.564N	P=0.450N
POLY 1.5	P=0.368N	P=0.566	P=0.574N	P=0.471N
POLY 6	P=0.334N	P=0.617	P=0.555N	P=0.425N
LOGISTIC REGRESSION	P=0.375N	P=0.574	P=0.572N	P=0.461N
COCH-ARM / FISHERS	P=0.390N	P=0.533	P=0.590N	P=0.500N
ORDER RESTRICTED	P=0.506N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.515N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

Thyroid Gland: Follicular Cell Adenoma

TUMOR RATES

OVERALL (a)	1/46 (2%)	0/48 (0%)	2/48 (4%)	0/46 (0%)
POLY-3 RATE (b)	1/40.79	0/44.33	2/43.26	0/42.49
POLY-3 PERCENT (g)	2.5%	0%	4.6%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	1/29 (3%)	0/31 (0%)
FIRST INCIDENCE	550	---	703	---

STATISTICAL TESTS

LIFE TABLE	P=0.456N	P=0.488N	P=0.518	P=0.500N
POLY 3	P=0.457N	P=0.483N	P=0.521	P=0.492N
POLY 1.5	P=0.460N	P=0.486N	P=0.519	P=0.495N
POLY 6	P=0.455N	P=0.480N	P=0.520	P=0.488N
LOGISTIC REGRESSION	P=0.512N	P=0.720N	P=0.470	P=0.652N
COCH-ARM / FISHERS	P=0.463N	P=0.489N	P=0.516	P=0.500N
ORDER RESTRICTED	P=0.318N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.328N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

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

TUMOR RATES

OVERALL (a)	1/46 (2%)	0/48 (0%)	2/48 (4%)	0/46 (0%)
POLY-3 RATE (b)	1/40.79	0/44.33	2/43.26	0/42.49
POLY-3 PERCENT (g)	2.5%	0%	4.6%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	1/29 (3%)	0/31 (0%)
FIRST INCIDENCE	550	---	703	---

STATISTICAL TESTS

LIFE TABLE	P=0.456N	P=0.488N	P=0.518	P=0.500N
POLY 3	P=0.457N	P=0.483N	P=0.521	P=0.492N
POLY 1.5	P=0.460N	P=0.486N	P=0.519	P=0.495N
POLY 6	P=0.455N	P=0.480N	P=0.520	P=0.488N
LOGISTIC REGRESSION	P=0.512N	P=0.720N	P=0.470	P=0.652N
COCH-ARM / FISHERS	P=0.463N	P=0.489N	P=0.516	P=0.500N
ORDER RESTRICTED	P=0.318N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.328N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Tongue
 Squamous Cell Carcinoma or Papilloma Squamous**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/42.91	0/45.69	3/45.59	0/44.59
POLY-3 PERCENT (g)	2.3%	0%	6.6%	0%
TERMINAL (d)	1/29 (3%)	0/35 (0%)	1/29 (3%)	0/31 (0%)
FIRST INCIDENCE	729 (T)	---	596	---

STATISTICAL TESTS

LIFE TABLE	P=0.490N	P=0.462N	P=0.328	P=0.487N
POLY 3	P=0.497N	P=0.487N	P=0.327	P=0.492N
POLY 1.5	P=0.499N	P=0.492N	P=0.319	P=0.496N
POLY 6	P=0.493N	P=0.482N	P=0.337	P=0.488N
LOGISTIC REGRESSION	P=0.503N	(e)	P=0.297	(e)
COCH-ARM / FISHERS	P=0.500N	P=0.500N	P=0.309	P=0.500N
ORDER RESTRICTED	P=0.276N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.288N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Tongue
 Squamous Cell Papilloma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/42.91	0/45.69	3/45.59	0/44.59
POLY-3 PERCENT (g)	2.3%	0%	6.6%	0%
TERMINAL (d)	1/29 (3%)	0/35 (0%)	1/29 (3%)	0/31 (0%)
FIRST INCIDENCE	729 (T)	---	596	---

STATISTICAL TESTS

LIFE TABLE	P=0.490N	P=0.462N	P=0.328	P=0.487N
POLY 3	P=0.497N	P=0.487N	P=0.327	P=0.492N
POLY 1.5	P=0.499N	P=0.492N	P=0.319	P=0.496N
POLY 6	P=0.493N	P=0.482N	P=0.337	P=0.488N
LOGISTIC REGRESSION	P=0.503N	(e)	P=0.297	(e)
COCH-ARM / FISHERS	P=0.500N	P=0.500N	P=0.309	P=0.500N
ORDER RESTRICTED	P=0.276N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.288N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L
Uterus				
Polyp Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	13/50 (26%)	10/50 (20%)	4/50 (8%)	11/50 (22%)
POLY-3 RATE (b)	13/44.85	10/46.2	4/45.14	11/45.37
POLY-3 PERCENT (g)	29%	21.7%	8.9%	24.2%
TERMINAL (d)	7/29 (24%)	8/35 (23%)	3/29 (10%)	9/31 (29%)
FIRST INCIDENCE	550	600	701	477
STATISTICAL TESTS				
LIFE TABLE	P=0.330N	P=0.192N	P=0.019N*	P=0.349N
POLY 3	P=0.332N	P=0.286N	P=0.013N*	P=0.393N
POLY 1.5	P=0.332N	P=0.297N	P=0.013N*	P=0.399N
POLY 6	P=0.332N	P=0.274N	P=0.013N*	P=0.388N
LOGISTIC REGRESSION	P=0.326N	P=0.305N	P=0.016N*	P=0.401N
COCH-ARM / FISHERS	P=0.335N	P=0.318N	P=0.016N*	P=0.408N
ORDER RESTRICTED	P=0.107N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.114N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**Zymbal's Gland
 Carcinoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.91	0/45.69	1/45.03	0/44.59
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	1/29 (3%)	0/31 (0%)
FIRST INCIDENCE	---	---	729 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.695	(e)	P=0.500	(e)
POLY 3	P=0.701	(e)	P=0.510	(e)
POLY 1.5	P=0.697	(e)	P=0.506	(e)
POLY 6	P=0.707	(e)	P=0.513	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.694	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.390	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.402	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs
 Histiocytic Sarcoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.91	2/45.93	0/45.03	0/44.59
POLY-3 PERCENT (g)	0%	4.4%	0%	0%
TERMINAL (d)	0/29 (0%)	1/35 (3%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	666	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.399N	P=0.269	(e)	(e)
POLY 3	P=0.386N	P=0.253	(e)	(e)
POLY 1.5	P=0.394N	P=0.246	(e)	(e)
POLY 6	P=0.377N	P=0.260	(e)	(e)
LOGISTIC REGRESSION	P=0.405N	P=0.238	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
ORDER RESTRICTED	P=0.252N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.265N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

All Organs
 Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated

TUMOR RATES	#	#	#	#
OVERALL (a)	14/50 (28%)	9/50 (18%)	10/50 (20%)	12/50 (24%)
POLY-3 RATE (b)	14/46.18	9/46.42	10/47.34	12/46.9
POLY-3 PERCENT (g)	30.3%	19.4%	21.1%	25.6%
TERMINAL (d)	7/29 (24%)	6/35 (17%)	3/29 (10%)	6/31 (19%)
FIRST INCIDENCE	400	596	520	380

STATISTICAL TESTS

LIFE TABLE	P=0.449N	P=0.103N	P=0.231N	P=0.356N
POLY 3	P=0.449N	P=0.163N	P=0.217N	P=0.391N
POLY 1.5	P=0.457N	P=0.167N	P=0.227N	P=0.400N
POLY 6	P=0.438N	P=0.158N	P=0.205N	P=0.377N
LOGISTIC REGRESSION	P=0.513N	P=0.251N	P=0.384N	P=0.484N
COCH-ARM / FISHERS	P=0.466N	P=0.171N	P=0.241N	P=0.410N
ORDER RESTRICTED	P=0.278N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.286N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

All Organs
 Mesothelioma: Benign, Malignant, NOS

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.91	0/45.69	0/45.03	0/44.59
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

	Females			
DOSE	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs
 Mesothelioma: Malignant**

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.91	0/45.69	0/45.03	0/44.59
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/35 (0%)	0/29 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
 Time Report Requested: 09:21:42
 First Dose M/F: 09/05/01 / 09/05/01
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs
 Benign Tumors**

TUMOR RATES	#	#	#	#
OVERALL (a)	44/50 (88%)	48/50 (96%)	49/50 (98%)	43/50 (86%)
POLY-3 RATE (b)	44/47.9	48/49.78	49/50	43/48.57
POLY-3 PERCENT (g)	91.9%	96.4%	98%	88.5%
TERMINAL (d)	27/29 (93%)	34/35 (97%)	28/29 (97%)	26/31 (84%)
FIRST INCIDENCE	535	561	520	477

STATISTICAL TESTS

LIFE TABLE	P=0.350N	P=0.344N	P=0.343	P=0.308N
POLY 3	P=0.221N	P=0.282	P=0.155	P=0.413N
POLY 1.5	P=0.258N	P=0.210	P=0.100	P=0.457N
POLY 6	P=0.166N	P=0.383	P=0.257	P=0.346N
LOGISTIC REGRESSION	P=0.279N	P=0.257	P=0.107	P=0.429N
COCH-ARM / FISHERS	P=0.299N	P=0.134	P=0.056	P=0.500N
ORDER RESTRICTED	P=0.103N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.110N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

Date Report Requested: 08/21/2007
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs
 Malignant Tumors**

TUMOR RATES	#	#	#	#
OVERALL (a)	20/50 (40%)	20/50 (40%)	21/50 (42%)	18/50 (36%)
POLY-3 RATE (b)	20/47.14	20/47.17	21/48.9	18/47.27
POLY-3 PERCENT (g)	42.4%	42.4%	42.9%	38.1%
TERMINAL (d)	10/29 (35%)	14/35 (40%)	8/29 (28%)	10/31 (32%)
FIRST INCIDENCE	400	596	520	380

STATISTICAL TESTS

LIFE TABLE	P=0.365N	P=0.358N	P=0.553	P=0.347N
POLY 3	P=0.362N	P=0.582N	P=0.562	P=0.412N
POLY 1.5	P=0.369N	P=0.582N	P=0.535	P=0.416N
POLY 6	P=0.349N	P=0.579N	P=0.568N	P=0.403N
LOGISTIC REGRESSION	P=0.416N	P=0.498	P=0.344	P=0.484N
COCH-ARM / FISHERS	P=0.375N	P=0.581N	P=0.500	P=0.418N
ORDER RESTRICTED	P=0.519N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.522N	(e)	(e)	(e)

TDMS No. 96015 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Water disinfection byproducts (Dibromoacetonitrile)
 CAS Number: 3252-43-5

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 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)
 TERMINAL SACRIFICE AT 105 WEEKS**

	Females			
DOSE	0 MG/L	50 MG/L	100 MG/L	200 MG/L

**All Organs
 Malignant and Benign Tumors**

TUMOR RATES	#	#	#	#
OVERALL (a)	48/50 (96%)	49/50 (98%)	49/50 (98%)	47/50 (94%)
POLY-3 RATE (b)	48/50	49/50	49/50	47/50
POLY-3 PERCENT (g)	96%	98%	98%	94%
TERMINAL (d)	27/29 (93%)	34/35 (97%)	28/29 (97%)	28/31 (90%)
FIRST INCIDENCE	400	561	520	380

STATISTICAL TESTS

LIFE TABLE	P=0.388N	P=0.186N	P=0.526N	P=0.308N
POLY 3	P=0.325N	P=0.500	P=0.500	P=0.500N
POLY 1.5	P=0.325N	P=0.500	P=0.500	P=0.500N
POLY 6	P=0.325N	P=0.500	P=0.500	P=0.500N
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.324N	P=0.500	P=0.500	P=0.500N
ORDER RESTRICTED	P=0.291N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.296N	(e)	(e)	(e)

TDMS No. 96015 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F 344

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Water disinfection byproducts (Dibromoacetonitrile)
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LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
 - (b) Number of tumor-bearing animals/Poly-3 number
 - (d) Observed incidence at terminal kill.
 - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group. The life table analysis regards tumors in animals dying prior to terminal kill as being (directly or indirectly) the cause of death.
 - (e) Value of Statistic cannot be computed.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- Logistic regression is an alternative method for analyzing the incidence of non-fatal tumors.
The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***