

**TDMS No.** 88123-05  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** RATS/F 344

**P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
FORMAMIDE  
**CAS Number:** 75-12-7  
**Pathologist:** SELLS, D. - KURTZ, F.  
Final 1 Rats

**Date Report Reqsted:** 12/05/2005  
**Time Report Reqsted:** 14:26:38  
**First Dose M/F:** 03/21/01 / 03/20/01  
**Lab:** BAT

**C Number:** C88123B  
**Lock Date:** 11/20/2003  
**Cage Range:** 1 - 9999  
**Date Range:** 1-JAN-1940 to 17-SEP-2040  
**Reasons For Removal:** ALL  
**Removal Date Range:** JAN /1 /1940 - SEP /17 /2040  
**Treatment Groups:** Include 1 0 MG/KG  
Include 4 20 MG/KG  
Include 7 80 MG/KG

Include 2 0 MG/KG  
Include 5 40 MG/KG  
Include 8 80 MG/KG

Include 3 20 MG/KG  
Include 6 40 MG/KG

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

Adrenal Cortex  
Adrenal Medulla  
Brain  
Clitoral/Preputial Gland  
Islets, Pancreatic  
Kidney  
Liver  
Lung  
Nose  
Ovary  
Pancreas  
Parathyroid Gland  
Pituitary Gland  
Prostate  
Salivary Glands  
Testes  
Thymus  
Thyroid Gland

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## SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF FORMAMIDE

### MALE RATS

#### Organ

Adrenal Medulla  
Liver

Mammary Gland  
Pituitary Gland: Pars Distalis or Unspecified Site

Skin

All Organs

#### Morphology

Pheochromocytoma Benign  
Hepatocellular Carcinoma  
Hepatocellular Carcinoma or Hepatocellular Adenoma  
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma  
Fibroma, Fibroadenoma, Carcinoma, or Adenoma  
Adenoma  
Carcinoma or Adenoma  
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B),  
Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma,  
Keratoacanthoma, Trichoepithelioma  
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous  
Histiocytoma  
Keratoacanthoma  
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or  
Keratoacanthoma  
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma  
Benign Tumors  
Malignant and Benign Tumors

### FEMALE RATS

#### Organ

Mammary Gland

Pituitary Gland: Pars Distalis or Unspecified Site  
Thyroid Gland: Follicular Cell

All Organs

#### Morphology

Fibroadenoma  
Fibroma, Fibroadenoma or Adenoma  
Fibroma, Fibroadenoma, Carcinoma, or Adenoma  
Carcinoma or Adenoma  
Adenoma  
Carcinoma or Adenoma  
Mesothelioma: Benign, Malignant, NOS  
Mesothelioma: Malignant  
Benign Tumors  
Malignant and Benign Tumors

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Adrenal Medulla  
 Pheochromocytoma Benign**

**TUMOR RATES**

OVERALL (a)	9/50 (18%)	9/50 (18%)	2/50 (4%)	6/50 (12%)
POLY-3 RATE (b)	9/42.16	9/42.01	2/42.52	6/43.09
POLY-3 PERCENT (g)	21.4%	21.4%	4.7%	13.9%
TERMINAL (d)	6/26 (23%)	7/27 (26%)	0/26 (0%)	5/29 (17%)
FIRST INCIDENCE	654	573	657	643

**STATISTICAL TESTS**

LIFE TABLE	P=0.114N	P=0.598N	P=0.033N*	P=0.231N
POLY 3	P=0.128N	P=0.602	P=0.023N*	P=0.268N
POLY 1.5	P=0.133N	P=0.600N	P=0.024N*	P=0.273N
POLY 6	P=0.126N	P=0.580	P=0.023N*	P=0.271N
LOGISTIC REGRESSION	P=0.125N	P=0.575	P=0.026N*	P=0.266N
COCH-ARM / FISHERS	P=0.143N	P=0.602N	P=0.026N*	P=0.288N
ORDER RESTRICTED	P=0.088N	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

**TUMOR RATES**

OVERALL (a)	9/50 (18%)	10/50 (20%)	3/50 (6%)	7/50 (14%)
POLY-3 RATE (b)	9/42.16	10/42.01	3/42.52	7/43.56
POLY-3 PERCENT (g)	21.4%	23.8%	7.1%	16.1%
TERMINAL (d)	6/26 (23%)	8/27 (30%)	1/26 (4%)	5/29 (17%)
FIRST INCIDENCE	654	573	657	590

**STATISTICAL TESTS**

LIFE TABLE	P=0.174N	P=0.506	P=0.071N	P=0.327N
POLY 3	P=0.194N	P=0.497	P=0.055N	P=0.363N
POLY 1.5	P=0.201N	P=0.504	P=0.057N	P=0.372N
POLY 6	P=0.188N	P=0.472	P=0.055N	P=0.361N
LOGISTIC REGRESSION	P=0.194N	P=0.465	P=0.059N	P=0.369N
COCH-ARM / FISHERS	P=0.217N	P=0.500	P=0.061N	P=0.393N
ORDER RESTRICTED	P=0.132N	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Clitoral/Preputial Gland  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/41.68	0/41.22	2/42.18	2/43.31
POLY-3 PERCENT (g)	2.4%	0%	4.7%	4.6%
TERMINAL (d)	0/26 (0%)	0/27 (0%)	1/26 (4%)	0/29 (0%)
FIRST INCIDENCE	707	---	693	657

**STATISTICAL TESTS**

LIFE TABLE	P=0.270	P=0.528N	P=0.488	P=0.506
POLY 3	P=0.261	P=0.502N	P=0.504	P=0.513
POLY 1.5	P=0.255	P=0.500N	P=0.503	P=0.509
POLY 6	P=0.269	P=0.508N	P=0.502	P=0.516
LOGISTIC REGRESSION	P=0.251	P=0.507N	P=0.501	P=0.496
COCH-ARM / FISHERS	P=0.245	P=0.500N	P=0.500	P=0.500
ORDER RESTRICTED	P=0.274	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Clitoral/Preputial Gland  
 Carcinoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	3/50 (6%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/41.62	3/42.48	2/42.86	2/42.92
POLY-3 PERCENT (g)	2.4%	7.1%	4.7%	4.7%
TERMINAL (d)	0/26 (0%)	0/27 (0%)	0/26 (0%)	1/29 (3%)
FIRST INCIDENCE	721	485	591	693

**STATISTICAL TESTS**

LIFE TABLE	P=0.522	P=0.303	P=0.507	P=0.520
POLY 3	P=0.516	P=0.312	P=0.510	P=0.511
POLY 1.5	P=0.512	P=0.311	P=0.506	P=0.508
POLY 6	P=0.518	P=0.308	P=0.513	P=0.511
LOGISTIC REGRESSION	P=0.464	P=0.276	P=0.493	P=0.509
COCH-ARM / FISHERS	P=0.500	P=0.309	P=0.500	P=0.500
ORDER RESTRICTED	P=0.404	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Clitoral/Preputial Gland Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	2/50 (4%)	3/50 (6%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	2/41.7	3/42.48	4/42.99	4/43.44
POLY-3 PERCENT (g)	4.8%	7.1%	9.3%	9.2%
TERMINAL (d)	0/26 (0%)	0/27 (0%)	1/26 (4%)	1/29 (3%)
FIRST INCIDENCE	707	485	591	657
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.299	P=0.483	P=0.339	P=0.358
POLY 3	P=0.285	P=0.508	P=0.351	P=0.356
POLY 1.5	P=0.278	P=0.508	P=0.346	P=0.350
POLY 6	P=0.292	P=0.503	P=0.354	P=0.360
LOGISTIC REGRESSION	P=0.246	P=0.484	P=0.338	P=0.346
COCH-ARM / FISHERS	P=0.264	P=0.500	P=0.339	P=0.339
ORDER RESTRICTED	P=0.351	(e)	(e)	(e)



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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Islets, Pancreatic  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	0/50 (0%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	2/41.6	0/41.22	4/42.18	2/42.79
POLY-3 PERCENT (g)	4.8%	0%	9.5%	4.7%
TERMINAL (d)	2/26 (8%)	0/27 (0%)	3/26 (12%)	2/29 (7%)
FIRST INCIDENCE	727 (T)	---	693	727 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.445	P=0.229N	P=0.336	P=0.656N
POLY 3	P=0.422	P=0.239N	P=0.343	P=0.684N
POLY 1.5	P=0.415	P=0.237N	P=0.342	P=0.686N
POLY 6	P=0.429	P=0.245N	P=0.341	P=0.685N
LOGISTIC REGRESSION	P=0.426	(e)	P=0.324	P=0.656N
COCH-ARM / FISHERS	P=0.404	P=0.247N	P=0.339	P=0.691N
ORDER RESTRICTED	P=0.249	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Islets, Pancreatic  
 Carcinoma or Adenoma**

**TUMOR RATES**

OVERALL (a)	3/50 (6%)	0/50 (0%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	3/41.6	0/41.22	4/42.18	2/42.79
POLY-3 PERCENT (g)	7.2%	0%	9.5%	4.7%
TERMINAL (d)	3/26 (12%)	0/27 (0%)	3/26 (12%)	2/29 (7%)
FIRST INCIDENCE	727 (T)	---	693	727 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.570N	P=0.113N	P=0.500	P=0.449N
POLY 3	P=0.588	P=0.120N	P=0.508	P=0.487N
POLY 1.5	P=0.581	P=0.118N	P=0.506	P=0.490N
POLY 6	P=0.591N	P=0.124N	P=0.506	P=0.487N
LOGISTIC REGRESSION	P=0.589N	(e)	P=0.486	P=0.449N
COCH-ARM / FISHERS	P=0.569	P=0.121N	P=0.500	P=0.500N
ORDER RESTRICTED	P=0.382	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Liver</b>				
<b>Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/41.6	1/41.22	1/42.42	1/42.79
POLY-3 PERCENT (g)	0%	2.4%	2.4%	2.3%
TERMINAL (d)	0/26 (0%)	1/27 (4%)	0/26 (0%)	1/29 (3%)
FIRST INCIDENCE	---	727 (T)	622	727 (T)
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.405	P=0.508	P=0.510	P=0.522
POLY 3	P=0.396	P=0.498	P=0.504	P=0.506
POLY 1.5	P=0.393	P=0.500	P=0.503	P=0.504
POLY 6	P=0.397	P=0.493	P=0.504	P=0.505
LOGISTIC REGRESSION	P=0.390	P=0.508	P=0.492	P=0.522
COCH-ARM / FISHERS	P=0.384	P=0.500	P=0.500	P=0.500
ORDER RESTRICTED	P=0.327	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

Liver  
 Hepatocellular Carcinoma

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/41.6	0/41.22	0/42.05	2/43.29
POLY-3 PERCENT (g)	0%	0%	0%	4.6%
TERMINAL (d)	0/26 (0%)	0/27 (0%)	0/26 (0%)	1/29 (3%)
FIRST INCIDENCE	---	---	---	577

**STATISTICAL TESTS**

LIFE TABLE	P=0.053	(e)	(e)	P=0.257
POLY 3	P=0.047*	(e)	(e)	P=0.246
POLY 1.5	P=0.047*	(e)	(e)	P=0.243
POLY 6	P=0.048*	(e)	(e)	P=0.247
LOGISTIC REGRESSION	P=0.042*	(e)	(e)	P=0.220
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
ORDER RESTRICTED	P=0.032*	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

Liver  
 Hepatocellular Carcinoma or Hepatocellular Adenoma

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/41.6	1/41.22	1/42.42	3/43.29
POLY-3 PERCENT (g)	0%	2.4%	2.4%	6.9%
TERMINAL (d)	0/26 (0%)	1/27 (4%)	0/26 (0%)	2/29 (7%)
FIRST INCIDENCE	---	727 (T)	622	577

**STATISTICAL TESTS**

LIFE TABLE	P=0.065	P=0.508	P=0.510	P=0.139
POLY 3	P=0.058	P=0.498	P=0.504	P=0.125
POLY 1.5	P=0.057	P=0.500	P=0.503	P=0.124
POLY 6	P=0.059	P=0.493	P=0.504	P=0.126
LOGISTIC REGRESSION	P=0.053	P=0.508	P=0.492	P=0.119
COCH-ARM / FISHERS	P=0.054	P=0.500	P=0.500	P=0.121
ORDER RESTRICTED	P=0.041*	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

Liver  
 Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/41.6	1/41.22	1/42.42	3/43.29
POLY-3 PERCENT (g)	0%	2.4%	2.4%	6.9%
TERMINAL (d)	0/26 (0%)	1/27 (4%)	0/26 (0%)	2/29 (7%)
FIRST INCIDENCE	---	727 (T)	622	577

**STATISTICAL TESTS**

LIFE TABLE	P=0.065	P=0.508	P=0.510	P=0.139
POLY 3	P=0.058	P=0.498	P=0.504	P=0.125
POLY 1.5	P=0.057	P=0.500	P=0.503	P=0.124
POLY 6	P=0.059	P=0.493	P=0.504	P=0.126
LOGISTIC REGRESSION	P=0.053	P=0.508	P=0.492	P=0.119
COCH-ARM / FISHERS	P=0.054	P=0.500	P=0.500	P=0.121
ORDER RESTRICTED	P=0.041*	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Lung</b>				
<b>Alveolar/Bronchiolar Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	0/41.6	2/42.14	2/42.05	2/43.24
POLY-3 PERCENT (g)	0%	4.8%	4.8%	4.6%
TERMINAL (d)	0/26 (0%)	0/27 (0%)	2/26 (8%)	0/29 (0%)
FIRST INCIDENCE	---	485	727 (T)	629
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.266	P=0.230	P=0.238	P=0.249
POLY 3	P=0.258	P=0.240	P=0.239	P=0.246
POLY 1.5	P=0.253	P=0.240	P=0.239	P=0.243
POLY 6	P=0.262	P=0.236	P=0.237	P=0.247
LOGISTIC REGRESSION	P=0.226	P=0.174	P=0.238	P=0.230
COCH-ARM / FISHERS	P=0.242	P=0.247	P=0.247	P=0.247
ORDER RESTRICTED	P=0.188	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Lung</b>				
<b>Alveolar/Bronchiolar Carcinoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/42.07	2/41.73	0/42.05	0/42.79
POLY-3 PERCENT (g)	2.4%	4.8%	0%	0%
TERMINAL (d)	0/26 (0%)	1/27 (4%)	0/26 (0%)	0/29 (0%)
FIRST INCIDENCE	589	573	---	---
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.181N	P=0.510	P=0.495N	P=0.491N
POLY 3	P=0.186N	P=0.497	P=0.500N	P=0.497N
POLY 1.5	P=0.186N	P=0.501	P=0.499N	P=0.497N
POLY 6	P=0.188N	P=0.488	P=0.503N	P=0.498N
LOGISTIC REGRESSION	P=0.205N	P=0.477	P=0.511N	P=0.570N
COCH-ARM / FISHERS	P=0.188N	P=0.500	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.163N	(e)	(e)	(e)



TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	4/50 (8%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/42.07	4/42.65	2/42.05	2/43.24
POLY-3 PERCENT (g)	2.4%	9.4%	4.8%	4.6%
TERMINAL (d)	0/26 (0%)	1/27 (4%)	2/26 (8%)	0/29 (0%)
FIRST INCIDENCE	589	485	727 (T)	629

**STATISTICAL TESTS**

LIFE TABLE	P=0.583N	P=0.185	P=0.503	P=0.515
POLY 3	P=0.584	P=0.182	P=0.500	P=0.510
POLY 1.5	P=0.580	P=0.183	P=0.501	P=0.507
POLY 6	P=0.585	P=0.177	P=0.495	P=0.510
LOGISTIC REGRESSION	P=0.537	P=0.139	P=0.501	P=0.463
COCH-ARM / FISHERS	P=0.569	P=0.181	P=0.500	P=0.500
ORDER RESTRICTED	P=0.337	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Mammary Gland Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.6	1/41.4	0/42.05	0/42.79
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/26 (0%)	0/27 (0%)	0/26 (0%)	0/29 (0%)
FIRST INCIDENCE	---	679	---	---
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.567N	P=0.464	(e)	(e)
POLY 3	P=0.566N	P=0.499	(e)	(e)
POLY 1.5	P=0.565N	P=0.501	(e)	(e)
POLY 6	P=0.569N	P=0.495	(e)	(e)
LOGISTIC REGRESSION	P=0.567N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.567N	P=0.500	(e)	(e)
ORDER RESTRICTED	P=0.374N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Mammary Gland Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/41.6	1/41.4	0/42.05	0/42.79
POLY-3 PERCENT (g)	2.4%	2.4%	0%	0%
TERMINAL (d)	1/26 (4%)	0/27 (0%)	0/26 (0%)	0/29 (0%)
FIRST INCIDENCE	727 (T)	679	---	---
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.233N	P=0.745	P=0.500N	P=0.478N
POLY 3	P=0.235N	P=0.760	P=0.498N	P=0.494N
POLY 1.5	P=0.235N	P=0.760N	P=0.498N	P=0.496N
POLY 6	P=0.234N	P=0.755	P=0.499N	P=0.495N
LOGISTIC REGRESSION	P=0.231N	P=0.757	(e)	(e)
COCH-ARM / FISHERS	P=0.236N	P=0.753N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.244N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Mammary Gland Fibroadenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	4/50 (8%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/41.97	4/41.62	0/42.05	1/42.8
POLY-3 PERCENT (g)	4.8%	9.6%	0%	2.3%
TERMINAL (d)	1/26 (4%)	3/27 (11%)	0/26 (0%)	0/29 (0%)
FIRST INCIDENCE	622	612	---	723
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.180N	P=0.348	P=0.234N	P=0.468N
POLY 3	P=0.193N	P=0.332	P=0.236N	P=0.493N
POLY 1.5	P=0.194N	P=0.337	P=0.236N	P=0.494N
POLY 6	P=0.195N	P=0.320	P=0.239N	P=0.496N
LOGISTIC REGRESSION	P=0.192N	P=0.334	P=0.238N	P=0.494N
COCH-ARM / FISHERS	P=0.199N	P=0.339	P=0.247N	P=0.500N
ORDER RESTRICTED	P=0.125N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Mammary Gland  
 Fibroma, Fibroadenoma or Adenoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	4/50 (8%)	4/50 (8%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	4/41.97	4/41.62	0/42.05	1/42.8
POLY-3 PERCENT (g)	9.5%	9.6%	0%	2.3%
TERMINAL (d)	3/26 (12%)	3/27 (11%)	0/26 (0%)	0/29 (0%)
FIRST INCIDENCE	622	612	---	723

**STATISTICAL TESTS**

LIFE TABLE	P=0.051N	P=0.629N	P=0.062N	P=0.154N
POLY 3	P=0.056N	P=0.640	P=0.059N	P=0.172N
POLY 1.5	P=0.057N	P=0.643N	P=0.060N	P=0.173N
POLY 6	P=0.055N	P=0.626	P=0.061N	P=0.173N
LOGISTIC REGRESSION	P=0.056N	P=0.634	P=0.062N	P=0.171N
COCH-ARM / FISHERS	P=0.060N	P=0.643N	P=0.059N	P=0.181N
ORDER RESTRICTED	P=0.060N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	5/50 (10%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	4/41.97	5/41.81	0/42.05	1/42.8
POLY-3 PERCENT (g)	9.5%	12%	0%	2.3%
TERMINAL (d)	3/26 (12%)	3/27 (11%)	0/26 (0%)	0/29 (0%)
FIRST INCIDENCE	622	612	---	723

**STATISTICAL TESTS**

LIFE TABLE	P=0.044N*	P=0.501	P=0.062N	P=0.154N
POLY 3	P=0.046N*	P=0.497	P=0.059N	P=0.172N
POLY 1.5	P=0.046N*	P=0.502	P=0.060N	P=0.173N
POLY 6	P=0.046N*	P=0.484	P=0.061N	P=0.173N
LOGISTIC REGRESSION	P=0.046N*	P=0.491	P=0.062N	P=0.171N
COCH-ARM / FISHERS	P=0.050N*	P=0.500	P=0.059N	P=0.181N
ORDER RESTRICTED	P=0.041N*	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.6	2/41.48	0/42.05	0/42.79
POLY-3 PERCENT (g)	0%	4.8%	0%	0%
TERMINAL (d)	0/26 (0%)	1/27 (4%)	0/26 (0%)	0/29 (0%)
FIRST INCIDENCE	---	657	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.390N	P=0.228	(e)	(e)
POLY 3	P=0.400N	P=0.236	(e)	(e)
POLY 1.5	P=0.400N	P=0.238	(e)	(e)
POLY 6	P=0.403N	P=0.231	(e)	(e)
LOGISTIC REGRESSION	P=0.400N	P=0.236	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
ORDER RESTRICTED	P=0.241N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

**TUMOR RATES**

OVERALL (a)	11/50 (22%)	15/50 (30%)	21/50 (42%)	18/50 (36%)
POLY-3 RATE (b)	11/42.3	15/42.8	21/43.8	18/45.11
POLY-3 PERCENT (g)	26%	35.1%	47.9%	39.9%
TERMINAL (d)	7/26 (27%)	11/27 (41%)	13/26 (50%)	10/29 (35%)
FIRST INCIDENCE	561	485	496	496

**STATISTICAL TESTS**

LIFE TABLE	P=0.142	P=0.262	P=0.032*	P=0.160
POLY 3	P=0.104	P=0.249	P=0.025*	P=0.121
POLY 1.5	P=0.090	P=0.254	P=0.025*	P=0.110
POLY 6	P=0.125	P=0.229	P=0.025*	P=0.134
LOGISTIC REGRESSION	P=0.087	P=0.226	P=0.025*	P=0.104
COCH-ARM / FISHERS	P=0.073	P=0.247	P=0.026*	P=0.093
ORDER RESTRICTED	P=0.055	(e)	(e)	(e)



TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

---

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

---

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

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.6	0/41.22	0/42.05	0/42.79
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/26 (0%)	0/27 (0%)	0/26 (0%)	0/29 (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)

---

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

**TUMOR RATES**

OVERALL (a)	11/50 (22%)	15/50 (30%)	21/50 (42%)	18/50 (36%)
POLY-3 RATE (b)	11/42.3	15/42.8	21/43.8	18/45.11
POLY-3 PERCENT (g)	26%	35.1%	47.9%	39.9%
TERMINAL (d)	7/26 (27%)	11/27 (41%)	13/26 (50%)	10/29 (35%)
FIRST INCIDENCE	561	485	496	496

**STATISTICAL TESTS**

LIFE TABLE	P=0.142	P=0.262	P=0.032*	P=0.160
POLY 3	P=0.104	P=0.249	P=0.025*	P=0.121
POLY 1.5	P=0.090	P=0.254	P=0.025*	P=0.110
POLY 6	P=0.125	P=0.229	P=0.025*	P=0.134
LOGISTIC REGRESSION	P=0.087	P=0.226	P=0.025*	P=0.104
COCH-ARM / FISHERS	P=0.073	P=0.247	P=0.026*	P=0.093
ORDER RESTRICTED	P=0.055	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Prostate Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	3/50 (6%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/41.6	3/41.22	2/42.05	0/42.79
POLY-3 PERCENT (g)	0%	7.3%	4.8%	0%
TERMINAL (d)	0/26 (0%)	3/27 (11%)	2/26 (8%)	0/29 (0%)
FIRST INCIDENCE	---	727 (T)	727 (T)	---
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.377N	P=0.126	P=0.238	(e)
POLY 3	P=0.395N	P=0.116	P=0.239	(e)
POLY 1.5	P=0.398N	P=0.119	P=0.239	(e)
POLY 6	P=0.396N	P=0.111	P=0.237	(e)
LOGISTIC REGRESSION	(e)	P=0.126	P=0.238	(e)
COCH-ARM / FISHERS	P=0.409N	P=0.121	P=0.247	(e)
ORDER RESTRICTED	P=0.216N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Skin  
 Basal Cell Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/41.6	0/41.22	3/42.57	0/42.79
POLY-3 PERCENT (g)	2.4%	0%	7.1%	0%
TERMINAL (d)	1/26 (4%)	0/27 (0%)	1/26 (4%)	0/29 (0%)
FIRST INCIDENCE	727 (T)	---	657	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.475N	P=0.492N	P=0.302	P=0.478N
POLY 3	P=0.485N	P=0.502N	P=0.313	P=0.494N
POLY 1.5	P=0.491N	P=0.500N	P=0.311	P=0.496N
POLY 6	P=0.480N	P=0.507N	P=0.314	P=0.495N
LOGISTIC REGRESSION	P=0.493N	(e)	P=0.308	(e)
COCH-ARM / FISHERS	P=0.500N	P=0.500N	P=0.309	P=0.500N
ORDER RESTRICTED	P=0.263N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Skin  
 Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/41.6	0/41.22	3/42.57	0/42.79
POLY-3 PERCENT (g)	2.4%	0%	7.1%	0%
TERMINAL (d)	1/26 (4%)	0/27 (0%)	1/26 (4%)	0/29 (0%)
FIRST INCIDENCE	727 (T)	---	657	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.475N	P=0.492N	P=0.302	P=0.478N
POLY 3	P=0.485N	P=0.502N	P=0.313	P=0.494N
POLY 1.5	P=0.491N	P=0.500N	P=0.311	P=0.496N
POLY 6	P=0.480N	P=0.507N	P=0.314	P=0.495N
LOGISTIC REGRESSION	P=0.493N	(e)	P=0.308	(e)
COCH-ARM / FISHERS	P=0.500N	P=0.500N	P=0.309	P=0.500N
ORDER RESTRICTED	P=0.263N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/41.6	0/41.22	3/42.57	0/42.79
POLY-3 PERCENT (g)	2.4%	0%	7.1%	0%
TERMINAL (d)	1/26 (4%)	0/27 (0%)	1/26 (4%)	0/29 (0%)
FIRST INCIDENCE	727 (T)	---	657	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.475N	P=0.492N	P=0.302	P=0.478N
POLY 3	P=0.485N	P=0.502N	P=0.313	P=0.494N
POLY 1.5	P=0.491N	P=0.500N	P=0.311	P=0.496N
POLY 6	P=0.480N	P=0.507N	P=0.314	P=0.495N
LOGISTIC REGRESSION	P=0.493N	(e)	P=0.308	(e)
COCH-ARM / FISHERS	P=0.500N	P=0.500N	P=0.309	P=0.500N
ORDER RESTRICTED	P=0.263N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Skin</b>				
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	10/50 (20%)	3/50 (6%)	7/50 (14%)	2/50 (4%)
POLY-3 RATE (b)	10/42.15	3/41.69	7/42.86	2/42.79
POLY-3 PERCENT (g)	23.7%	7.2%	16.3%	4.7%
TERMINAL (d)	8/26 (31%)	2/27 (7%)	4/26 (15%)	2/29 (7%)
FIRST INCIDENCE	622	588	649	727 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.021N*	P=0.035N*	P=0.303N	P=0.010N**
POLY 3	P=0.022N*	P=0.034N*	P=0.280N	P=0.011N*
POLY 1.5	P=0.024N*	P=0.033N*	P=0.286N	P=0.012N*
POLY 6	P=0.021N*	P=0.037N*	P=0.278N	P=0.011N*
LOGISTIC REGRESSION	P=0.024N*	P=0.040N*	P=0.289N	P=0.013N*
COCH-ARM / FISHERS	P=0.028N*	P=0.036N*	P=0.298N	P=0.014N*
ORDER RESTRICTED	P=0.005N**	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Skin Fibroma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	6/50 (12%)	4/50 (8%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	6/42.11	4/41.48	3/42.07	2/43.02
POLY-3 PERCENT (g)	14.3%	9.6%	7.1%	4.7%
TERMINAL (d)	4/26 (15%)	3/27 (11%)	2/26 (8%)	1/29 (3%)
FIRST INCIDENCE	582	658	721	665
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.080N	P=0.366N	P=0.245N	P=0.116N
POLY 3	P=0.086N	P=0.378N	P=0.240N	P=0.124N
POLY 1.5	P=0.089N	P=0.371N	P=0.240N	P=0.127N
POLY 6	P=0.084N	P=0.396N	P=0.246N	P=0.124N
LOGISTIC REGRESSION	P=0.084N	P=0.388N	P=0.239N	P=0.126N
COCH-ARM / FISHERS	P=0.094N	P=0.370N	P=0.243N	P=0.134N
ORDER RESTRICTED	P=0.089N	(e)	(e)	(e)



TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	7/50 (14%)	6/50 (12%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	7/42.14	6/42.19	3/42.07	2/43.02
POLY-3 PERCENT (g)	16.6%	14.2%	7.1%	4.7%
TERMINAL (d)	4/26 (15%)	4/27 (15%)	2/26 (8%)	1/29 (3%)
FIRST INCIDENCE	582	477	721	665

**STATISTICAL TESTS**

LIFE TABLE	P=0.033N*	P=0.494N	P=0.164N	P=0.070N
POLY 3	P=0.035N*	P=0.499N	P=0.155N	P=0.072N
POLY 1.5	P=0.037N*	P=0.494N	P=0.156N	P=0.074N
POLY 6	P=0.034N*	P=0.517N	P=0.160N	P=0.072N
LOGISTIC REGRESSION	P=0.036N*	P=0.504N	P=0.156N	P=0.074N
COCH-ARM / FISHERS	P=0.040N*	P=0.500N	P=0.159N	P=0.080N
ORDER RESTRICTED	P=0.050N*	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/41.62	2/41.93	0/42.05	0/42.79
POLY-3 PERCENT (g)	2.4%	4.8%	0%	0%
TERMINAL (d)	0/26 (0%)	1/27 (4%)	0/26 (0%)	0/29 (0%)
FIRST INCIDENCE	721	477	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.181N	P=0.503	P=0.507N	P=0.493N
POLY 3	P=0.184N	P=0.503	P=0.498N	P=0.494N
POLY 1.5	P=0.185N	P=0.504	P=0.498N	P=0.496N
POLY 6	P=0.185N	P=0.496	P=0.499N	P=0.495N
LOGISTIC REGRESSION	P=0.200N	P=0.487	P=0.504N	P=0.495N
COCH-ARM / FISHERS	P=0.188N	P=0.500	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.164N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Skin</b>				
<b>Keratoacanthoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	8/50 (16%)	3/50 (6%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	8/42.15	3/41.69	4/42.34	2/42.79
POLY-3 PERCENT (g)	19%	7.2%	9.5%	4.7%
TERMINAL (d)	6/26 (23%)	2/27 (7%)	3/26 (12%)	2/29 (7%)
FIRST INCIDENCE	622	588	649	727 (T)
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.037N*	P=0.099N	P=0.180N	P=0.035N*
POLY 3	P=0.042N*	P=0.099N	P=0.172N	P=0.041N*
POLY 1.5	P=0.043N*	P=0.097N	P=0.173N	P=0.042N*
POLY 6	P=0.040N*	P=0.107N	P=0.175N	P=0.042N*
LOGISTIC REGRESSION	P=0.041N*	P=0.105N	P=0.173N	P=0.042N*
COCH-ARM / FISHERS	P=0.047N*	P=0.100N	P=0.178N	P=0.046N*
ORDER RESTRICTED	P=0.017N*	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	9/50 (18%)	3/50 (6%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	9/42.15	3/41.69	4/42.34	2/42.79
POLY-3 PERCENT (g)	21.4%	7.2%	9.5%	4.7%
TERMINAL (d)	7/26 (27%)	2/27 (7%)	3/26 (12%)	2/29 (7%)
FIRST INCIDENCE	622	588	649	727 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.021N*	P=0.060N	P=0.117N	P=0.019N*
POLY 3	P=0.023N*	P=0.059N	P=0.110N	P=0.022N*
POLY 1.5	P=0.024N*	P=0.058N	P=0.112N	P=0.023N*
POLY 6	P=0.022N*	P=0.064N	P=0.112N	P=0.022N*
LOGISTIC REGRESSION	P=0.023N*	P=0.066N	P=0.113N	P=0.023N*
COCH-ARM / FISHERS	P=0.027N*	P=0.061N	P=0.117N	P=0.026N*
ORDER RESTRICTED	P=0.007N**	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	9/50 (18%)	3/50 (6%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	9/42.15	3/41.69	4/42.34	2/42.79
POLY-3 PERCENT (g)	21.4%	7.2%	9.5%	4.7%
TERMINAL (d)	7/26 (27%)	2/27 (7%)	3/26 (12%)	2/29 (7%)
FIRST INCIDENCE	622	588	649	727 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.021N*	P=0.060N	P=0.117N	P=0.019N*
POLY 3	P=0.023N*	P=0.059N	P=0.110N	P=0.022N*
POLY 1.5	P=0.024N*	P=0.058N	P=0.112N	P=0.023N*
POLY 6	P=0.022N*	P=0.064N	P=0.112N	P=0.022N*
LOGISTIC REGRESSION	P=0.023N*	P=0.066N	P=0.113N	P=0.023N*
COCH-ARM / FISHERS	P=0.027N*	P=0.061N	P=0.117N	P=0.026N*
ORDER RESTRICTED	P=0.007N**	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

Testes  
 Adenoma

**TUMOR RATES**

OVERALL (a)	44/50 (88%)	48/50 (96%)	46/50 (92%)	45/50 (90%)
POLY-3 RATE (b)	44/46.64	48/48.79	46/47.68	45/48.42
POLY-3 PERCENT (g)	94.3%	98.4%	96.5%	92.9%
TERMINAL (d)	25/26 (96%)	27/27 (100%)	26/26 (100%)	28/29 (97%)
FIRST INCIDENCE	477	477	512	518

**STATISTICAL TESTS**

LIFE TABLE	P=0.296N	P=0.308	P=0.432	P=0.411N
POLY 3	P=0.298N	P=0.253	P=0.499	P=0.564N
POLY 1.5	P=0.394N	P=0.188	P=0.425	P=0.633N
POLY 6	P=0.241N	P=0.361	P=0.601	P=0.526N
LOGISTIC REGRESSION	P=0.293N	P=0.227	P=0.537	P=0.555N
COCH-ARM / FISHERS	P=0.551N	P=0.134	P=0.370	P=0.500
ORDER RESTRICTED	P=0.254N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Thyroid Gland: C-Cell  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	6/50 (12%)	6/50 (12%)	6/50 (12%)	2/50 (4%)
POLY-3 RATE (b)	6/42.06	6/41.22	6/42.05	2/43.34
POLY-3 PERCENT (g)	14.3%	14.6%	14.3%	4.6%
TERMINAL (d)	2/26 (8%)	6/27 (22%)	6/26 (23%)	0/29 (0%)
FIRST INCIDENCE	680	727 (T)	727 (T)	593

**STATISTICAL TESTS**

LIFE TABLE	P=0.082N	P=0.605	P=0.606	P=0.131N
POLY 3	P=0.086N	P=0.608	P=0.622	P=0.122N
POLY 1.5	P=0.091N	P=0.618	P=0.619N	P=0.125N
POLY 6	P=0.082N	P=0.581	P=0.610	P=0.121N
LOGISTIC REGRESSION	P=0.087N	P=0.572	P=0.615	P=0.128N
COCH-ARM / FISHERS	P=0.101N	P=0.620N	P=0.620N	P=0.134N
ORDER RESTRICTED	P=0.121N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

Thyroid Gland: C-Cell  
 Carcinoma or Adenoma

**TUMOR RATES**

OVERALL (a)	6/50 (12%)	7/50 (14%)	6/50 (12%)	2/50 (4%)
POLY-3 RATE (b)	6/42.06	7/41.22	6/42.05	2/43.34
POLY-3 PERCENT (g)	14.3%	17%	14.3%	4.6%
TERMINAL (d)	2/26 (8%)	7/27 (26%)	6/26 (23%)	0/29 (0%)
FIRST INCIDENCE	680	727 (T)	727 (T)	593

**STATISTICAL TESTS**

LIFE TABLE	P=0.068N	P=0.488	P=0.606	P=0.131N
POLY 3	P=0.072N	P=0.484	P=0.622	P=0.122N
POLY 1.5	P=0.077N	P=0.497	P=0.619N	P=0.125N
POLY 6	P=0.069N	P=0.454	P=0.610	P=0.121N
LOGISTIC REGRESSION	P=0.073N	P=0.442	P=0.615	P=0.128N
COCH-ARM / FISHERS	P=0.086N	P=0.500	P=0.620N	P=0.134N
ORDER RESTRICTED	P=0.091N	(e)	(e)	(e)



TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

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DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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**Thyroid Gland: Follicular Cell  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/41.6	0/41.22	0/42.05	0/42.79
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/26 (0%)	0/27 (0%)	0/26 (0%)	0/29 (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)

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TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/41.6	0/41.22	1/42.31	0/42.79
POLY-3 PERCENT (g)	2.4%	0%	2.4%	0%
TERMINAL (d)	1/26 (4%)	0/27 (0%)	0/26 (0%)	0/29 (0%)
FIRST INCIDENCE	727 (T)	---	657	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.390N	P=0.492N	P=0.757	P=0.478N
POLY 3	P=0.399N	P=0.502N	P=0.757N	P=0.494N
POLY 1.5	P=0.402N	P=0.500N	P=0.758N	P=0.496N
POLY 6	P=0.395N	P=0.507N	P=0.758N	P=0.495N
LOGISTIC REGRESSION	P=0.400N	(e)	P=0.761N	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.500N	P=0.753N	P=0.500N
ORDER RESTRICTED	P=0.245N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**All Organs  
 Histiocytic Sarcoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/42.44	2/41.73	0/42.05	2/43.84
POLY-3 PERCENT (g)	2.4%	4.8%	0%	4.6%
TERMINAL (d)	0/26 (0%)	1/27 (4%)	0/26 (0%)	0/29 (0%)
FIRST INCIDENCE	394	573	---	545

**STATISTICAL TESTS**

LIFE TABLE	P=0.486	P=0.507	P=0.504N	P=0.513
POLY 3	P=0.479	P=0.494	P=0.502N	P=0.511
POLY 1.5	P=0.476	P=0.498	P=0.501N	P=0.507
POLY 6	P=0.482	P=0.486	P=0.504N	P=0.514
LOGISTIC REGRESSION	P=0.345	P=0.391	P=0.438N	P=0.187
COCH-ARM / FISHERS	P=0.469	P=0.500	P=0.500N	P=0.500
ORDER RESTRICTED	P=0.429	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Requested: 12/05/2005  
 Time Report Requested: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	15/50 (30%)	14/50 (28%)	17/50 (34%)	18/50 (36%)
POLY-3 RATE (b)	15/44.57	14/44.95	17/45.65	18/46.39
POLY-3 PERCENT (g)	33.7%	31.1%	37.2%	38.8%
TERMINAL (d)	3/26 (12%)	5/27 (19%)	6/26 (23%)	5/29 (17%)
FIRST INCIDENCE	561	561	512	518

**STATISTICAL TESTS**

LIFE TABLE	P=0.343	P=0.526N	P=0.426	P=0.418
POLY 3	P=0.279	P=0.489N	P=0.446	P=0.385
POLY 1.5	P=0.265	P=0.486N	P=0.436	P=0.370
POLY 6	P=0.293	P=0.511N	P=0.448	P=0.392
LOGISTIC REGRESSION	P=0.206	P=0.508N	P=0.408	P=0.313
COCH-ARM / FISHERS	P=0.237	P=0.500N	P=0.415	P=0.335
ORDER RESTRICTED	P=0.412	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

All Organs  
 Mesothelioma: Benign, Malignant, NOS

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/42.26	2/41.84	1/42.07	1/43.37
POLY-3 PERCENT (g)	4.7%	4.8%	2.4%	2.3%
TERMINAL (d)	1/26 (4%)	1/27 (4%)	0/26 (0%)	0/29 (0%)
FIRST INCIDENCE	506	527	723	541

**STATISTICAL TESTS**

LIFE TABLE	P=0.313N	P=0.676N	P=0.491N	P=0.473N
POLY 3	P=0.330N	P=0.691	P=0.502N	P=0.491N
POLY 1.5	P=0.333N	P=0.694N	P=0.500N	P=0.493N
POLY 6	P=0.329N	P=0.682	P=0.506N	P=0.491N
LOGISTIC REGRESSION	P=0.381N	P=0.668	P=0.506N	P=0.613N
COCH-ARM / FISHERS	P=0.337N	P=0.691N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.427N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**All Organs  
 Mesothelioma: Malignant**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/42.26	2/41.84	1/42.07	1/43.37
POLY-3 PERCENT (g)	4.7%	4.8%	2.4%	2.3%
TERMINAL (d)	1/26 (4%)	1/27 (4%)	0/26 (0%)	0/29 (0%)
FIRST INCIDENCE	506	527	723	541

**STATISTICAL TESTS**

LIFE TABLE	P=0.313N	P=0.676N	P=0.491N	P=0.473N
POLY 3	P=0.330N	P=0.691	P=0.502N	P=0.491N
POLY 1.5	P=0.333N	P=0.694N	P=0.500N	P=0.493N
POLY 6	P=0.329N	P=0.682	P=0.506N	P=0.491N
LOGISTIC REGRESSION	P=0.381N	P=0.668	P=0.506N	P=0.613N
COCH-ARM / FISHERS	P=0.337N	P=0.691N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.427N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
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 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**All Organs  
 Benign Tumors**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	45/50 (90%)	50/50 (100%)	48/50 (96%)	49/50 (98%)
POLY-3 RATE (b)	45/46.64	50/50	48/48.47	49/50
POLY-3 PERCENT (g)	96.5%	100%	99%	98%
TERMINAL (d)	26/26 (100%)	27/27 (100%)	26/26 (100%)	28/29 (97%)
FIRST INCIDENCE	477	477	496	496

**STATISTICAL TESTS**

LIFE TABLE	P=0.467N	P=0.261	P=0.373	P=0.533
POLY 3	P=0.606	P=0.194	P=0.409	P=0.582
POLY 1.5	P=0.299	P=0.071	P=0.267	P=0.295
POLY 6	P=0.476N	P=0.783	P=0.866	P=0.753N
LOGISTIC REGRESSION	P=0.272	P=0.069	P=0.368	P=0.255
COCH-ARM / FISHERS	P=0.111	P=0.028*	P=0.218	P=0.102
ORDER RESTRICTED	P=0.155	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>All Organs</b>				
<b>Malignant Tumors</b>				
<b>TUMOR RATES</b>				
	#	#	#	#
OVERALL (a)	25/50 (50%)	27/50 (54%)	26/50 (52%)	25/50 (50%)
POLY-3 RATE (b)	25/47.46	27/48.69	26/48.09	25/48.03
POLY-3 PERCENT (g)	52.7%	55.5%	54.1%	52.1%
TERMINAL (d)	7/26 (27%)	9/27 (33%)	7/26 (27%)	9/29 (31%)
FIRST INCIDENCE	394	477	496	518
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.394N	P=0.420	P=0.503	P=0.474N
POLY 3	P=0.479N	P=0.473	P=0.527	P=0.558N
POLY 1.5	P=0.481N	P=0.457	P=0.514	P=0.562N
POLY 6	P=0.481N	P=0.477	P=0.545	P=0.561N
LOGISTIC REGRESSION	P=0.512	P=0.451	P=0.476	P=0.524
COCH-ARM / FISHERS	P=0.490N	P=0.421	P=0.500	P=0.579N
ORDER RESTRICTED	P=0.651N	(e)	(e)	(e)



TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**All Organs  
 Malignant and Benign Tumors**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	48/50 (96%)	50/50 (100%)	49/50 (98%)	50/50 (100%)
POLY-3 RATE (b)	48/48.45	50/50	49/49.1	50/50
POLY-3 PERCENT (g)	99.1%	100%	99.8%	100%
TERMINAL (d)	26/26 (100%)	27/27 (100%)	26/26 (100%)	29/29 (100%)
FIRST INCIDENCE	394	477	496	496

**STATISTICAL TESTS**

LIFE TABLE	P=0.387N	P=0.434	P=0.500	P=0.461N
POLY 3	P=0.702	P=0.957	P=0.973	P=0.957
POLY 1.5	P=0.303	P=0.528	P=0.687	P=0.528
POLY 6	P=1.000	P=1.000	P=1.000	P=1.000
LOGISTIC REGRESSION	P=0.571	P=0.651	P=0.782	P=0.788
COCH-ARM / FISHERS	P=0.188	P=0.247	P=0.500	P=0.247
ORDER RESTRICTED	P=0.036*	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Adrenal Medulla  
 Pheochromocytoma Benign**

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.87	1/41.01	0/44.33	0/43.2
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	---	730 (T)	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.583N	P=0.453	(e)	(e)
POLY 3	P=0.583N	P=0.478	(e)	(e)
POLY 1.5	P=0.577N	P=0.486	(e)	(e)
POLY 6	P=0.590N	P=0.468	(e)	(e)
LOGISTIC REGRESSION	(e)	P=0.453	(e)	(e)
COCH-ARM / FISHERS	P=0.567N	P=0.500	(e)	(e)
ORDER RESTRICTED	P=0.372N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.87	1/41.01	0/44.33	0/43.2
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/38 (0%)	1/30 (3%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	---	730 (T)	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.583N	P=0.453	(e)	(e)
POLY 3	P=0.583N	P=0.478	(e)	(e)
POLY 1.5	P=0.577N	P=0.486	(e)	(e)
POLY 6	P=0.590N	P=0.468	(e)	(e)
LOGISTIC REGRESSION	(e)	P=0.453	(e)	(e)
COCH-ARM / FISHERS	P=0.567N	P=0.500	(e)	(e)
ORDER RESTRICTED	P=0.372N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Clitoral/Preputial Gland  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	1/50 (2%)	4/50 (8%)	3/49 (6%)
POLY-3 RATE (b)	2/45.87	1/41.01	4/44.6	3/42.34
POLY-3 PERCENT (g)	4.4%	2.4%	9%	7.1%
TERMINAL (d)	2/38 (5%)	1/30 (3%)	3/34 (9%)	3/32 (9%)
FIRST INCIDENCE	730 (T)	730 (T)	658	730 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.251	P=0.583N	P=0.295	P=0.421
POLY 3	P=0.272	P=0.539N	P=0.324	P=0.464
POLY 1.5	P=0.276	P=0.524N	P=0.329	P=0.473
POLY 6	P=0.267	P=0.556N	P=0.318	P=0.452
LOGISTIC REGRESSION	P=0.263	P=0.583N	P=0.316	P=0.421
COCH-ARM / FISHERS	P=0.283	P=0.500N	P=0.339	P=0.490
ORDER RESTRICTED	P=0.280	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Clitoral/Preputial Gland Carcinoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/45.87	0/41.01	1/44.33	0/42.34
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	1/34 (3%)	0/32 (0%)
FIRST INCIDENCE	---	---	730 (T)	---
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.678	(e)	P=0.478	(e)
POLY 3	P=0.678	(e)	P=0.493	(e)
POLY 1.5	P=0.683	(e)	P=0.496	(e)
POLY 6	P=0.672	(e)	P=0.489	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.478	(e)
COCH-ARM / FISHERS	P=0.692	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.375	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Clitoral/Preputial Gland  
 Carcinoma or Adenoma**

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	1/50 (2%)	5/50 (10%)	3/49 (6%)
POLY-3 RATE (b)	2/45.87	1/41.01	5/44.6	3/42.34
POLY-3 PERCENT (g)	4.4%	2.4%	11.2%	7.1%
TERMINAL (d)	2/38 (5%)	1/30 (3%)	4/34 (12%)	3/32 (9%)
FIRST INCIDENCE	730 (T)	730 (T)	658	730 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.240	P=0.583N	P=0.180	P=0.421
POLY 3	P=0.260	P=0.539N	P=0.205	P=0.464
POLY 1.5	P=0.264	P=0.524N	P=0.209	P=0.473
POLY 6	P=0.254	P=0.556N	P=0.199	P=0.452
LOGISTIC REGRESSION	P=0.252	P=0.583N	P=0.196	P=0.421
COCH-ARM / FISHERS	P=0.273	P=0.500N	P=0.218	P=0.490
ORDER RESTRICTED	P=0.208	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Islets, Pancreatic  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.87	0/41.01	0/44.33	0/43.2
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	1/38 (3%)	0/30 (0%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	730 (T)	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.322N	P=0.547N	P=0.522N	P=0.534N
POLY 3	P=0.292N	P=0.522N	P=0.507N	P=0.512N
POLY 1.5	P=0.297N	P=0.514N	P=0.504N	P=0.508N
POLY 6	P=0.286N	P=0.532N	P=0.511N	P=0.517N
LOGISTIC REGRESSION	P=0.322N	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.306N	P=0.500N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.131N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Islets, Pancreatic  
 Carcinoma or Adenoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.87	0/41.01	0/44.33	0/43.2
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	1/38 (3%)	0/30 (0%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	730 (T)	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.322N	P=0.547N	P=0.522N	P=0.534N
POLY 3	P=0.292N	P=0.522N	P=0.507N	P=0.512N
POLY 1.5	P=0.297N	P=0.514N	P=0.504N	P=0.508N
POLY 6	P=0.286N	P=0.532N	P=0.511N	P=0.517N
LOGISTIC REGRESSION	P=0.322N	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.306N	P=0.500N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.131N	(e)	(e)	(e)



TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Liver</b>				
<b>Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.87	0/41.01	1/44.33	0/43.2
POLY-3 PERCENT (g)	4.4%	0%	2.3%	0%
TERMINAL (d)	2/38 (5%)	0/30 (0%)	1/34 (3%)	0/32 (0%)
FIRST INCIDENCE	730 (T)	---	730 (T)	---
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.210N	P=0.292N	P=0.539N	P=0.277N
POLY 3	P=0.181N	P=0.263N	P=0.512N	P=0.251N
POLY 1.5	P=0.184N	P=0.253N	P=0.508N	P=0.246N
POLY 6	P=0.179N	P=0.275N	P=0.518N	P=0.257N
LOGISTIC REGRESSION	P=0.210N	(e)	P=0.539N	(e)
COCH-ARM / FISHERS	P=0.188N	P=0.247N	P=0.500N	P=0.247N
ORDER RESTRICTED	P=0.083N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

Liver  
 Hepatocellular Carcinoma

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.87	0/41.01	0/44.33	0/43.2
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/34 (0%)	0/32 (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)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

Liver  
 Hepatocellular Carcinoma or Hepatocellular Adenoma

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.87	0/41.01	1/44.33	0/43.2
POLY-3 PERCENT (g)	4.4%	0%	2.3%	0%
TERMINAL (d)	2/38 (5%)	0/30 (0%)	1/34 (3%)	0/32 (0%)
FIRST INCIDENCE	730 (T)	---	730 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.210N	P=0.292N	P=0.539N	P=0.277N
POLY 3	P=0.181N	P=0.263N	P=0.512N	P=0.251N
POLY 1.5	P=0.184N	P=0.253N	P=0.508N	P=0.246N
POLY 6	P=0.179N	P=0.275N	P=0.518N	P=0.257N
LOGISTIC REGRESSION	P=0.210N	(e)	P=0.539N	(e)
COCH-ARM / FISHERS	P=0.188N	P=0.247N	P=0.500N	P=0.247N
ORDER RESTRICTED	P=0.083N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

Liver  
 Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.87	0/41.01	1/44.33	0/43.2
POLY-3 PERCENT (g)	4.4%	0%	2.3%	0%
TERMINAL (d)	2/38 (5%)	0/30 (0%)	1/34 (3%)	0/32 (0%)
FIRST INCIDENCE	730 (T)	---	730 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.210N	P=0.292N	P=0.539N	P=0.277N
POLY 3	P=0.181N	P=0.263N	P=0.512N	P=0.251N
POLY 1.5	P=0.184N	P=0.253N	P=0.508N	P=0.246N
POLY 6	P=0.179N	P=0.275N	P=0.518N	P=0.257N
LOGISTIC REGRESSION	P=0.210N	(e)	P=0.539N	(e)
COCH-ARM / FISHERS	P=0.188N	P=0.247N	P=0.500N	P=0.247N
ORDER RESTRICTED	P=0.083N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

Lung  
 Alveolar/Bronchiolar Adenoma

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/45.87	1/41.01	0/44.33	1/43.2
POLY-3 PERCENT (g)	2.2%	2.4%	0%	2.3%
TERMINAL (d)	1/38 (3%)	1/30 (3%)	0/34 (0%)	1/32 (3%)
FIRST INCIDENCE	730 (T)	730 (T)	---	730 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.643N	P=0.708	P=0.522N	P=0.723
POLY 3	P=0.617N	P=0.735	P=0.507N	P=0.747
POLY 1.5	P=0.616N	P=0.745	P=0.504N	P=0.752
POLY 6	P=0.619N	P=0.723	P=0.511N	P=0.741
LOGISTIC REGRESSION	P=0.643N	P=0.708	(e)	P=0.723
COCH-ARM / FISHERS	P=0.616N	P=0.753N	P=0.500N	P=0.753N
ORDER RESTRICTED	P=0.528N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Lung  
 Alveolar/Bronchiolar Carcinoma**

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.21	0/41.01	0/44.33	0/43.2
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	637	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.317N	P=0.542N	P=0.513N	P=0.527N
POLY 3	P=0.291N	P=0.524N	P=0.508N	P=0.513N
POLY 1.5	P=0.296N	P=0.514N	P=0.505N	P=0.508N
POLY 6	P=0.285N	P=0.535N	P=0.513N	P=0.520N
LOGISTIC REGRESSION	P=0.294N	P=0.458N	P=0.474N	P=0.468N
COCH-ARM / FISHERS	P=0.306N	P=0.500N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.133N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/46.21	1/41.01	0/44.33	1/43.2
POLY-3 PERCENT (g)	4.3%	2.4%	0%	2.3%
TERMINAL (d)	1/38 (3%)	1/30 (3%)	0/34 (0%)	1/32 (3%)
FIRST INCIDENCE	637	730 (T)	---	730 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.398N	P=0.579N	P=0.259N	P=0.555N
POLY 3	P=0.364N	P=0.541N	P=0.247N	P=0.523N
POLY 1.5	P=0.365N	P=0.525N	P=0.243N	P=0.515N
POLY 6	P=0.364N	P=0.560N	P=0.252N	P=0.535N
LOGISTIC REGRESSION	P=0.374N	P=0.520N	P=0.231N	P=0.505N
COCH-ARM / FISHERS	P=0.366N	P=0.500N	P=0.247N	P=0.500N
ORDER RESTRICTED	P=0.247N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Mammary Gland  
 Carcinoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.87	1/41.01	1/44.87	0/43.2
POLY-3 PERCENT (g)	4.4%	2.4%	2.2%	0%
TERMINAL (d)	2/38 (5%)	1/30 (3%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	562	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.172N	P=0.583N	P=0.526N	P=0.277N
POLY 3	P=0.155N	P=0.539N	P=0.508N	P=0.251N
POLY 1.5	P=0.154N	P=0.524N	P=0.505N	P=0.246N
POLY 6	P=0.155N	P=0.556N	P=0.512N	P=0.257N
LOGISTIC REGRESSION	P=0.153N	P=0.583N	P=0.484N	(e)
COCH-ARM / FISHERS	P=0.153N	P=0.500N	P=0.500N	P=0.247N
ORDER RESTRICTED	P=0.130N	(e)	(e)	(e)



TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Mammary Gland  
 Carcinoma or Adenoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.87	1/41.01	1/44.87	0/43.2
POLY-3 PERCENT (g)	4.4%	2.4%	2.2%	0%
TERMINAL (d)	2/38 (5%)	1/30 (3%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	562	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.172N	P=0.583N	P=0.526N	P=0.277N
POLY 3	P=0.155N	P=0.539N	P=0.508N	P=0.251N
POLY 1.5	P=0.154N	P=0.524N	P=0.505N	P=0.246N
POLY 6	P=0.155N	P=0.556N	P=0.512N	P=0.257N
LOGISTIC REGRESSION	P=0.153N	P=0.583N	P=0.484N	(e)
COCH-ARM / FISHERS	P=0.153N	P=0.500N	P=0.500N	P=0.247N
ORDER RESTRICTED	P=0.130N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Mammary Gland Fibroadenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	33/50 (66%)	24/50 (48%)	18/50 (36%)	25/50 (50%)
POLY-3 RATE (b)	33/47.68	24/43.2	18/45.59	25/44.84
POLY-3 PERCENT (g)	69.2%	55.6%	39.5%	55.8%
TERMINAL (d)	26/38 (68%)	17/30 (57%)	13/34 (38%)	18/32 (56%)
FIRST INCIDENCE	478	505	562	612
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.226N	P=0.376N	P=0.018N*	P=0.322N
POLY 3	P=0.094N	P=0.123N	P=0.002N**	P=0.125N
POLY 1.5	P=0.091N	P=0.088N	P=0.002N**	P=0.105N
POLY 6	P=0.100N	P=0.172N	P=0.003N**	P=0.149N
LOGISTIC REGRESSION	P=0.107N	P=0.138N	P=0.003N**	P=0.126N
COCH-ARM / FISHERS	P=0.090N	P=0.053N	P=0.002N**	P=0.078N
ORDER RESTRICTED	P=0.018N*	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Mammary Gland  
 Fibroma, Fibroadenoma or Adenoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	33/50 (66%)	25/50 (50%)	18/50 (36%)	25/50 (50%)
POLY-3 RATE (b)	33/47.68	25/43.76	18/45.59	25/44.84
POLY-3 PERCENT (g)	69.2%	57.1%	39.5%	55.8%
TERMINAL (d)	26/38 (68%)	17/30 (57%)	13/34 (38%)	18/32 (56%)
FIRST INCIDENCE	478	505	562	612

**STATISTICAL TESTS**

LIFE TABLE	P=0.209N	P=0.452N	P=0.018N*	P=0.322N
POLY 3	P=0.087N	P=0.157N	P=0.002N**	P=0.125N
POLY 1.5	P=0.082N	P=0.120N	P=0.002N**	P=0.105N
POLY 6	P=0.094N	P=0.204N	P=0.003N**	P=0.149N
LOGISTIC REGRESSION	P=0.094N	P=0.173N	P=0.003N**	P=0.126N
COCH-ARM / FISHERS	P=0.079N	P=0.078N	P=0.002N**	P=0.078N
ORDER RESTRICTED	P=0.019N*	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	35/50 (70%)	26/50 (52%)	18/50 (36%)	25/50 (50%)
POLY-3 RATE (b)	35/47.68	26/43.76	18/45.59	25/44.84
POLY-3 PERCENT (g)	73.4%	59.4%	39.5%	55.8%
TERMINAL (d)	28/38 (74%)	18/30 (60%)	13/34 (38%)	18/32 (56%)
FIRST INCIDENCE	478	505	562	612

**STATISTICAL TESTS**

LIFE TABLE	P=0.122N	P=0.405N	P=0.007N**	P=0.211N
POLY 3	P=0.034N*	P=0.108N	P<0.001N**	P=0.053N
POLY 1.5	P=0.033N*	P=0.079N	P<0.001N**	P=0.044N*
POLY 6	P=0.036N*	P=0.147N	P<0.001N**	P=0.066N
LOGISTIC REGRESSION	P=0.041N*	P=0.131N	P<0.001N**	P=0.059N
COCH-ARM / FISHERS	P=0.035N*	P=0.050N*	P<0.001N**	P=0.033N*
ORDER RESTRICTED	P=0.005N**	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.6	0/41.01	0/44.33	0/43.2
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	476	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.307N	P=0.513N	P=0.504N	P=0.504N
POLY 3	P=0.290N	P=0.525N	P=0.510N	P=0.515N
POLY 1.5	P=0.296N	P=0.515N	P=0.506N	P=0.510N
POLY 6	P=0.284N	P=0.536N	P=0.515N	P=0.521N
LOGISTIC REGRESSION	P=0.234N	P=0.333N	P=0.369N	P=0.352N
COCH-ARM / FISHERS	P=0.306N	P=0.500N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.135N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

**TUMOR RATES**

OVERALL (a)	22/50 (44%)	21/50 (42%)	15/50 (30%)	15/50 (30%)
POLY-3 RATE (b)	22/46.99	21/43.24	15/44.59	15/44.68
POLY-3 PERCENT (g)	46.8%	48.6%	33.6%	33.6%
TERMINAL (d)	18/38 (47%)	14/30 (47%)	12/34 (35%)	9/32 (28%)
FIRST INCIDENCE	478	545	708	527

**STATISTICAL TESTS**

LIFE TABLE	P=0.136N	P=0.304	P=0.205N	P=0.267N
POLY 3	P=0.065N	P=0.518	P=0.139N	P=0.138N
POLY 1.5	P=0.063N	P=0.569	P=0.126N	P=0.127N
POLY 6	P=0.069N	P=0.476	P=0.158N	P=0.149N
LOGISTIC REGRESSION	P=0.069N	P=0.500	P=0.135N	P=0.137N
COCH-ARM / FISHERS	P=0.059N	P=0.500N	P=0.107N	P=0.107N
ORDER RESTRICTED	P=0.122N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

**TUMOR RATES**

OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/46.01	0/41.01	1/44.87	0/43.2
POLY-3 PERCENT (g)	4.4%	0%	2.2%	0%
TERMINAL (d)	1/38 (3%)	0/30 (0%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	694	---	562	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.204N	P=0.287N	P=0.522N	P=0.273N
POLY 3	P=0.181N	P=0.264N	P=0.509N	P=0.251N
POLY 1.5	P=0.184N	P=0.253N	P=0.506N	P=0.246N
POLY 6	P=0.179N	P=0.276N	P=0.514N	P=0.258N
LOGISTIC REGRESSION	P=0.181N	P=0.263N	P=0.475N	P=0.249N
COCH-ARM / FISHERS	P=0.188N	P=0.247N	P=0.500N	P=0.247N
ORDER RESTRICTED	P=0.083N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

**TUMOR RATES**

OVERALL (a)	24/50 (48%)	21/50 (42%)	16/50 (32%)	15/50 (30%)
POLY-3 RATE (b)	24/47.13	21/43.24	16/45.13	15/44.68
POLY-3 PERCENT (g)	50.9%	48.6%	35.5%	33.6%
TERMINAL (d)	19/38 (50%)	14/30 (47%)	12/34 (35%)	9/32 (28%)
FIRST INCIDENCE	478	545	562	527

**STATISTICAL TESTS**

LIFE TABLE	P=0.087N	P=0.432	P=0.168N	P=0.169N
POLY 3	P=0.033N*	P=0.495N	P=0.095N	P=0.067N
POLY 1.5	P=0.032N*	P=0.438N	P=0.088N	P=0.060N
POLY 6	P=0.035N*	P=0.544N	P=0.108N	P=0.075N
LOGISTIC REGRESSION	P=0.036N*	P=0.509N	P=0.093N	P=0.068N
COCH-ARM / FISHERS	P=0.031N*	P=0.344N	P=0.076N	P=0.050N*
ORDER RESTRICTED	P=0.061N	(e)	(e)	(e)



TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Skin  
 Basal Cell Adenoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/45.87	0/41.01	0/44.33	1/43.2
POLY-3 PERCENT (g)	2.2%	0%	0%	2.3%
TERMINAL (d)	1/38 (3%)	0/30 (0%)	0/34 (0%)	1/32 (3%)
FIRST INCIDENCE	730 (T)	---	---	730 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.571	P=0.547N	P=0.522N	P=0.723
POLY 3	P=0.599	P=0.522N	P=0.507N	P=0.747
POLY 1.5	P=0.597	P=0.514N	P=0.504N	P=0.752
POLY 6	P=0.601	P=0.532N	P=0.511N	P=0.741
LOGISTIC REGRESSION	P=0.571	(e)	(e)	P=0.723
COCH-ARM / FISHERS	P=0.595	P=0.500N	P=0.500N	P=0.753N
ORDER RESTRICTED	P=0.389	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
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 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Skin  
 Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.87	0/41.01	0/44.33	1/43.2
POLY-3 PERCENT (g)	4.4%	0%	0%	2.3%
TERMINAL (d)	2/38 (5%)	0/30 (0%)	0/34 (0%)	1/32 (3%)
FIRST INCIDENCE	730 (T)	---	---	730 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.491N	P=0.292N	P=0.263N	P=0.560N
POLY 3	P=0.444N	P=0.263N	P=0.245N	P=0.521N
POLY 1.5	P=0.450N	P=0.253N	P=0.242N	P=0.513N
POLY 6	P=0.438N	P=0.275N	P=0.249N	P=0.530N
LOGISTIC REGRESSION	P=0.491N	(e)	(e)	P=0.560N
COCH-ARM / FISHERS	P=0.461N	P=0.247N	P=0.247N	P=0.500N
ORDER RESTRICTED	P=0.147N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
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 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.87	1/41.85	0/44.33	1/43.2
POLY-3 PERCENT (g)	4.4%	2.4%	0%	2.3%
TERMINAL (d)	2/38 (5%)	0/30 (0%)	0/34 (0%)	1/32 (3%)
FIRST INCIDENCE	730 (T)	395	---	730 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.393N	P=0.557N	P=0.263N	P=0.560N
POLY 3	P=0.365N	P=0.532N	P=0.245N	P=0.521N
POLY 1.5	P=0.366N	P=0.519N	P=0.242N	P=0.513N
POLY 6	P=0.365N	P=0.547N	P=0.249N	P=0.530N
LOGISTIC REGRESSION	P=0.349N	P=0.401N	(e)	P=0.560N
COCH-ARM / FISHERS	P=0.366N	P=0.500N	P=0.247N	P=0.500N
ORDER RESTRICTED	P=0.244N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**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)	4/50 (8%)	3/50 (6%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	4/45.87	3/41.85	0/44.33	2/43.2
POLY-3 PERCENT (g)	8.7%	7.2%	0%	4.6%
TERMINAL (d)	4/38 (11%)	2/30 (7%)	0/34 (0%)	2/32 (6%)
FIRST INCIDENCE	730 (T)	395	---	730 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.229N	P=0.611N	P=0.078N	P=0.418N
POLY 3	P=0.197N	P=0.550N	P=0.065N	P=0.365N
POLY 1.5	P=0.196N	P=0.530N	P=0.063N	P=0.355N
POLY 6	P=0.199N	P=0.574N	P=0.067N	P=0.378N
LOGISTIC REGRESSION	P=0.196N	P=0.489N	(e)	P=0.418N
COCH-ARM / FISHERS	P=0.194N	P=0.500N	P=0.059N	P=0.339N
ORDER RESTRICTED	P=0.128N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
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 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Skin  
 Fibroma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.87	1/41.01	0/44.33	0/43.2
POLY-3 PERCENT (g)	2.2%	2.4%	0%	0%
TERMINAL (d)	1/38 (3%)	1/30 (3%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.256N	P=0.708	P=0.522N	P=0.534N
POLY 3	P=0.239N	P=0.735	P=0.507N	P=0.512N
POLY 1.5	P=0.238N	P=0.745	P=0.504N	P=0.508N
POLY 6	P=0.241N	P=0.723	P=0.511N	P=0.517N
LOGISTIC REGRESSION	P=0.256N	P=0.708	(e)	(e)
COCH-ARM / FISHERS	P=0.236N	P=0.753N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.242N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.87	1/41.01	0/44.33	0/43.2
POLY-3 PERCENT (g)	2.2%	2.4%	0%	0%
TERMINAL (d)	1/38 (3%)	1/30 (3%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.256N	P=0.708	P=0.522N	P=0.534N
POLY 3	P=0.239N	P=0.735	P=0.507N	P=0.512N
POLY 1.5	P=0.238N	P=0.745	P=0.504N	P=0.508N
POLY 6	P=0.241N	P=0.723	P=0.511N	P=0.517N
LOGISTIC REGRESSION	P=0.256N	P=0.708	(e)	(e)
COCH-ARM / FISHERS	P=0.236N	P=0.753N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.242N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.87	0/41.01	0/44.33	0/43.2
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/34 (0%)	0/32 (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)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Skin  
 Keratoacanthoma**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.87	1/41.01	0/44.33	1/43.2
POLY-3 PERCENT (g)	4.4%	2.4%	0%	2.3%
TERMINAL (d)	2/38 (5%)	1/30 (3%)	0/34 (0%)	1/32 (3%)
FIRST INCIDENCE	730 (T)	730 (T)	---	730 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.400N	P=0.583N	P=0.263N	P=0.560N
POLY 3	P=0.363N	P=0.539N	P=0.245N	P=0.521N
POLY 1.5	P=0.365N	P=0.524N	P=0.242N	P=0.513N
POLY 6	P=0.363N	P=0.556N	P=0.249N	P=0.530N
LOGISTIC REGRESSION	P=0.400N	P=0.583N	(e)	P=0.560N
COCH-ARM / FISHERS	P=0.366N	P=0.500N	P=0.247N	P=0.500N
ORDER RESTRICTED	P=0.244N	(e)	(e)	(e)



TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.87	2/41.01	0/44.33	1/43.2
POLY-3 PERCENT (g)	4.4%	4.9%	0%	2.3%
TERMINAL (d)	2/38 (5%)	2/30 (7%)	0/34 (0%)	1/32 (3%)
FIRST INCIDENCE	730 (T)	730 (T)	---	730 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.331N	P=0.607	P=0.263N	P=0.560N
POLY 3	P=0.302N	P=0.653	P=0.245N	P=0.521N
POLY 1.5	P=0.300N	P=0.669	P=0.242N	P=0.513N
POLY 6	P=0.305N	P=0.634	P=0.249N	P=0.530N
LOGISTIC REGRESSION	P=0.331N	P=0.607	(e)	P=0.560N
COCH-ARM / FISHERS	P=0.296N	P=0.691N	P=0.247N	P=0.500N
ORDER RESTRICTED	P=0.257N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.87	2/41.01	0/44.33	1/43.2
POLY-3 PERCENT (g)	4.4%	4.9%	0%	2.3%
TERMINAL (d)	2/38 (5%)	2/30 (7%)	0/34 (0%)	1/32 (3%)
FIRST INCIDENCE	730 (T)	730 (T)	---	730 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.331N	P=0.607	P=0.263N	P=0.560N
POLY 3	P=0.302N	P=0.653	P=0.245N	P=0.521N
POLY 1.5	P=0.300N	P=0.669	P=0.242N	P=0.513N
POLY 6	P=0.305N	P=0.634	P=0.249N	P=0.530N
LOGISTIC REGRESSION	P=0.331N	P=0.607	(e)	P=0.560N
COCH-ARM / FISHERS	P=0.296N	P=0.691N	P=0.247N	P=0.500N
ORDER RESTRICTED	P=0.257N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Thyroid Gland: C-Cell  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	5/50 (10%)	8/50 (16%)	6/50 (12%)	5/50 (10%)
POLY-3 RATE (b)	5/45.87	8/42.69	6/44.76	5/43.2
POLY-3 PERCENT (g)	10.9%	18.7%	13.4%	11.6%
TERMINAL (d)	5/38 (13%)	4/30 (13%)	5/34 (15%)	5/32 (16%)
FIRST INCIDENCE	730 (T)	505	604	730 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.517N	P=0.164	P=0.426	P=0.519
POLY 3	P=0.481N	P=0.230	P=0.483	P=0.592
POLY 1.5	P=0.466N	P=0.246	P=0.488	P=0.606
POLY 6	P=0.501N	P=0.215	P=0.474	P=0.575
LOGISTIC REGRESSION	P=0.457N	P=0.260	P=0.468	P=0.519
COCH-ARM / FISHERS	P=0.442N	P=0.277	P=0.500	P=0.630N
ORDER RESTRICTED	P=0.486	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

**TUMOR RATES**

OVERALL (a)	5/50 (10%)	9/50 (18%)	6/50 (12%)	6/50 (12%)
POLY-3 RATE (b)	5/45.87	9/42.69	6/44.76	6/43.56
POLY-3 PERCENT (g)	10.9%	21.1%	13.4%	13.8%
TERMINAL (d)	5/38 (13%)	5/30 (17%)	5/34 (15%)	5/32 (16%)
FIRST INCIDENCE	730 (T)	505	604	630

**STATISTICAL TESTS**

LIFE TABLE	P=0.506	P=0.103	P=0.426	P=0.384
POLY 3	P=0.548	P=0.153	P=0.483	P=0.464
POLY 1.5	P=0.551N	P=0.167	P=0.488	P=0.477
POLY 6	P=0.531	P=0.141	P=0.474	P=0.449
LOGISTIC REGRESSION	P=0.543N	P=0.172	P=0.468	P=0.437
COCH-ARM / FISHERS	P=0.528N	P=0.194	P=0.500	P=0.500
ORDER RESTRICTED	P=0.391	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Thyroid Gland: Follicular Cell  
 Adenoma**

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/45.87	2/41.01	1/44.33	3/43.2
POLY-3 PERCENT (g)	0%	4.9%	2.3%	6.9%
TERMINAL (d)	0/38 (0%)	2/30 (7%)	1/34 (3%)	3/32 (9%)
FIRST INCIDENCE	---	730 (T)	730 (T)	730 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.086	P=0.188	P=0.478	P=0.092
POLY 3	P=0.094	P=0.213	P=0.493	P=0.108
POLY 1.5	P=0.097	P=0.222	P=0.496	P=0.112
POLY 6	P=0.089	P=0.203	P=0.489	P=0.104
LOGISTIC REGRESSION	(e)	P=0.188	P=0.478	P=0.092
COCH-ARM / FISHERS	P=0.104	P=0.247	P=0.500	P=0.121
ORDER RESTRICTED	P=0.049*	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

**TUMOR RATES**

OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/45.87	2/41.01	1/44.33	3/43.2
POLY-3 PERCENT (g)	0%	4.9%	2.3%	6.9%
TERMINAL (d)	0/38 (0%)	2/30 (7%)	1/34 (3%)	3/32 (9%)
FIRST INCIDENCE	---	730 (T)	730 (T)	730 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.086	P=0.188	P=0.478	P=0.092
POLY 3	P=0.094	P=0.213	P=0.493	P=0.108
POLY 1.5	P=0.097	P=0.222	P=0.496	P=0.112
POLY 6	P=0.089	P=0.203	P=0.489	P=0.104
LOGISTIC REGRESSION	(e)	P=0.188	P=0.478	P=0.092
COCH-ARM / FISHERS	P=0.104	P=0.247	P=0.500	P=0.121
ORDER RESTRICTED	P=0.049*	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Uterus Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/45.87	0/41.01	2/44.33	0/43.2
POLY-3 PERCENT (g)	0%	0%	4.5%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	2/34 (6%)	0/32 (0%)
FIRST INCIDENCE	---	---	730 (T)	---
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.571	(e)	P=0.214	(e)
POLY 3	P=0.578	(e)	P=0.230	(e)
POLY 1.5	P=0.584	(e)	P=0.232	(e)
POLY 6	P=0.570	(e)	P=0.225	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.214	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
ORDER RESTRICTED	P=0.241	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>Uterus</b>				
<b>Polyp Stromal</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	7/50 (14%)	7/50 (14%)	5/50 (10%)	10/50 (20%)
POLY-3 RATE (b)	7/45.87	7/42.52	5/44.89	10/44.15
POLY-3 PERCENT (g)	15.3%	16.5%	11.1%	22.7%
TERMINAL (d)	7/38 (18%)	4/30 (13%)	3/34 (9%)	6/32 (19%)
FIRST INCIDENCE	730 (T)	353	590	533
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.187	P=0.447	P=0.450N	P=0.194
POLY 3	P=0.226	P=0.554	P=0.394N	P=0.266
POLY 1.5	P=0.229	P=0.579	P=0.390N	P=0.276
POLY 6	P=0.222	P=0.526	P=0.401N	P=0.255
LOGISTIC REGRESSION	P=0.232	P=0.607	P=0.407N	P=0.250
COCH-ARM / FISHERS	P=0.238	P=0.613N	P=0.380N	P=0.298
ORDER RESTRICTED	P=0.218	(e)	(e)	(e)



TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**Uterus  
 Sarcoma Stromal or Polyp Stromal**

TUMOR RATES	#	#	#	#
OVERALL (a)	7/50 (14%)	7/50 (14%)	5/50 (10%)	11/50 (22%)
POLY-3 RATE (b)	7/45.87	7/42.52	5/44.89	11/44.21
POLY-3 PERCENT (g)	15.3%	16.5%	11.1%	24.9%
TERMINAL (d)	7/38 (18%)	4/30 (13%)	3/34 (9%)	6/32 (19%)
FIRST INCIDENCE	730 (T)	353	590	533

**STATISTICAL TESTS**

LIFE TABLE	P=0.122	P=0.447	P=0.450N	P=0.134
POLY 3	P=0.148	P=0.554	P=0.394N	P=0.189
POLY 1.5	P=0.150	P=0.579	P=0.390N	P=0.199
POLY 6	P=0.145	P=0.526	P=0.401N	P=0.181
LOGISTIC REGRESSION	P=0.152	P=0.607	P=0.407N	P=0.176
COCH-ARM / FISHERS	P=0.158	P=0.613N	P=0.380N	P=0.218
ORDER RESTRICTED	P=0.135	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

---

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

---

**All Organs  
 Histiocytic Sarcoma**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.87	0/41.01	0/44.33	0/43.2
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/38 (0%)	0/30 (0%)	0/34 (0%)	0/32 (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)

---

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

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

TUMOR RATES	#	#	#	#
OVERALL (a)	10/50 (20%)	11/50 (22%)	12/50 (24%)	11/50 (22%)
POLY-3 RATE (b)	10/47.1	11/43.6	12/46.07	11/45.06
POLY-3 PERCENT (g)	21.2%	25.2%	26.1%	24.4%
TERMINAL (d)	4/38 (11%)	5/30 (17%)	7/34 (21%)	5/32 (16%)
FIRST INCIDENCE	654	469	464	497

**STATISTICAL TESTS**

LIFE TABLE	P=0.386	P=0.320	P=0.340	P=0.384
POLY 3	P=0.424	P=0.420	P=0.381	P=0.454
POLY 1.5	P=0.435	P=0.452	P=0.390	P=0.471
POLY 6	P=0.407	P=0.382	P=0.364	P=0.432
LOGISTIC REGRESSION	P=0.465	P=0.553	P=0.417	P=0.517
COCH-ARM / FISHERS	P=0.454	P=0.500	P=0.405	P=0.500
ORDER RESTRICTED	P=0.513	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
 Time Report Reqsted: 14:26:38  
 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

All Organs  
 Mesothelioma: Benign, Malignant, NOS

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.21	0/41.01	0/44.33	0/43.2
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	1/38 (3%)	0/30 (0%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	637	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.128N	P=0.290N	P=0.259N	P=0.274N
POLY 3	P=0.104N	P=0.265N	P=0.247N	P=0.252N
POLY 1.5	P=0.108N	P=0.254N	P=0.243N	P=0.247N
POLY 6	P=0.101N	P=0.278N	P=0.252N	P=0.260N
LOGISTIC REGRESSION	P=0.114N	P=0.230N	P=0.231N	P=0.229N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
ORDER RESTRICTED	P=0.035N*	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
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 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**All Organs  
 Mesothelioma: Malignant**

TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.21	0/41.01	0/44.33	0/43.2
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	1/38 (3%)	0/30 (0%)	0/34 (0%)	0/32 (0%)
FIRST INCIDENCE	637	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.128N	P=0.290N	P=0.259N	P=0.274N
POLY 3	P=0.104N	P=0.265N	P=0.247N	P=0.252N
POLY 1.5	P=0.108N	P=0.254N	P=0.243N	P=0.247N
POLY 6	P=0.101N	P=0.278N	P=0.252N	P=0.260N
LOGISTIC REGRESSION	P=0.114N	P=0.230N	P=0.231N	P=0.229N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
ORDER RESTRICTED	P=0.035N*	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
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 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG
<b>All Organs</b>				
<b>Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	43/50 (86%)	39/50 (78%)	31/50 (62%)	41/50 (82%)
POLY-3 RATE (b)	43/47.68	39/46.14	31/46.42	41/46.31
POLY-3 PERCENT (g)	90.2%	84.5%	66.8%	88.5%
TERMINAL (d)	36/38 (95%)	25/30 (83%)	23/34 (68%)	29/32 (91%)
FIRST INCIDENCE	478	353	562	527
<b>STATISTICAL TESTS</b>				
LIFE TABLE	P=0.406	P=0.229	P=0.075N	P=0.237
POLY 3	P=0.398N	P=0.289N	P=0.003N**	P=0.533N
POLY 1.5	P=0.385N	P=0.258N	P=0.004N**	P=0.489N
POLY 6	P=0.407N	P=0.310N	P=0.003N**	P=0.563N
LOGISTIC REGRESSION	P=0.408N	P=0.485N	P=0.007N**	P=0.620
COCH-ARM / FISHERS	P=0.345N	P=0.218N	P=0.006N**	P=0.393N
ORDER RESTRICTED	P=0.058N	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
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 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**All Organs  
 Malignant Tumors**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	15/50 (30%)	16/50 (32%)	20/50 (40%)	16/50 (32%)
POLY-3 RATE (b)	15/48.99	16/44.8	20/47.68	16/47.19
POLY-3 PERCENT (g)	30.6%	35.7%	42%	33.9%
TERMINAL (d)	6/38 (16%)	8/30 (27%)	10/34 (29%)	5/32 (16%)
FIRST INCIDENCE	402	395	464	255

**STATISTICAL TESTS**

LIFE TABLE	P=0.357	P=0.290	P=0.172	P=0.374
POLY 3	P=0.405	P=0.381	P=0.172	P=0.450
POLY 1.5	P=0.418	P=0.427	P=0.179	P=0.471
POLY 6	P=0.386	P=0.330	P=0.164	P=0.423
LOGISTIC REGRESSION	P=0.475	P=0.498N	P=0.241	P=0.517N
COCH-ARM / FISHERS	P=0.430	P=0.500	P=0.201	P=0.500
ORDER RESTRICTED	P=0.356	(e)	(e)	(e)

TDMS No. 88123-05  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
 FORMAMIDE  
 CAS Number: 75-12-7  
 Pathologist: SELLS, D. - KURTZ, F.

Date Report Reqsted: 12/05/2005  
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 First Dose M/F: 03/21/01 / 03/20/01  
 Lab: BAT

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

DOSE	Females			
	0 MG/KG	20 MG/KG	40 MG/KG	80 MG/KG

**All Organs  
 Malignant and Benign Tumors**

**TUMOR RATES**

	#	#	#	#
OVERALL (a)	49/50 (98%)	46/50 (92%)	40/50 (80%)	46/50 (92%)
POLY-3 RATE (b)	49/50	46/49.23	40/48.4	46/49.33
POLY-3 PERCENT (g)	98%	93.4%	82.7%	93.3%
TERMINAL (d)	37/38 (97%)	27/30 (90%)	26/34 (77%)	29/32 (91%)
FIRST INCIDENCE	402	353	464	255

**STATISTICAL TESTS**

LIFE TABLE	P=0.467	P=0.161	P=0.254N	P=0.311
POLY 3	P=0.203N	P=0.261N	P=0.010N**	P=0.247N
POLY 1.5	P=0.188N	P=0.228N	P=0.008N**	P=0.217N
POLY 6	P=0.222N	P=0.289N	P=0.012N*	P=0.280N
LOGISTIC REGRESSION	P=0.185N	P=0.191N	P=0.006N**	P=0.185N
COCH-ARM / FISHERS	P=0.174N	P=0.181N	P=0.004N**	P=0.181N
ORDER RESTRICTED	P=0.041N*	(e)	(e)	(e)



TDMS No. 88123-05  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: RATS/F 344

P8: STATISTICAL ANALYSIS OF PRIMARY TUMORS  
FORMAMIDE  
CAS Number: 75-12-7  
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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 \*\*\*