

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

NTP Study Number: C00117C

Lock Date: Not Entered.

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Both

TDMSE Version: 3.0.2.2_002

PWG Approval Date: NONE

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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

Islets, Pancreatic

Kidney

Liver

Lung

Ovary

Parathyroid Gland

Pituitary Gland

Spleen

Testes

Thymus

Thyroid Gland

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF ASPARTAME

MALE RATS

Organ

Bone, Cranium
Ear
Mammary Gland
All Organs

Morphology

Osteosarcoma
Squamous Cell Carcinoma
Carcinoma
Osteosarcoma
Osteosarcoma or Osteoma
Malignant Tumors

FEMALE RATS

Organ

Adrenal Medulla
Bone, Cranium
Kidney: Pelvis and Transitional Epithelium
Lung

Lymph Node

Mammary Gland
Ovary
Pleura
Spleen

Thymus

Tissue NOS

Uterus

All Organs

Morphology

Pheochromocytoma Malignant
Osteoma
Papilloma
Lymphoma Lympho-immunoblastic
Lymphoma Lymphocytic
Lymphoma Lympho-immunoblastic
Lymphoma Lymphocytic
Carcinoma
Carcinoma
Lymphoma Lympho-immunoblastic
Lymphoma Lympho-immunoblastic
Lymphoma Lymphocytic
Lymphoma Lympho-immunoblastic
Lymphoma Lymphocytic
Lymphoma Lympho-immunoblastic
Lymphoma Lymphocytic
Lymphoma Lympho-immunoblastic
Lymphoma Lymphocytic
Polyp Stromal
Sarcoma Stromal or Polyp Stromal
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type
Osteoma
Osteosarcoma or Osteoma
Benign Tumors

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Malignant Tumors

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Adrenal Cortex			
Adenoma			
TUMOR RATES			
OVERALL (a)	2/95 (2%)	1/69 (1%)	0/70 (0%)
POLY-3 RATE (b)	2/29.88	1/18.98	0/17.81
POLY-3 PERCENT (g)	6.7%	5.3%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	687	767	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.293N	P=0.659N	P=0.358N
POLY 1.5	P=0.277N	P=0.633N	P=0.334N
POLY 6	P=0.337N	P=0.720N	P=0.420N
COCH-ARM / FISHERS	P=0.259N	P=0.619N	P=0.330N
MAX-ISO-POLY-3	P=0.255N	P=0.427N	P=0.173N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Adrenal Cortex			
Carcinoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	0/69 (0%)	0/70 (0%)
POLY-3 RATE (b)	0/28.81	0/18.49	0/17.81
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Adrenal Medulla			
Pheochromocytoma Benign			
TUMOR RATES			
OVERALL (a)	17/95 (18%)	7/69 (10%)	11/69 (16%)
POLY-3 RATE (b)	17/37.91	7/22.02	11/24.80
POLY-3 PERCENT (g)	44.9%	31.8%	44.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	603	655	435
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.532	P=0.208N	P=0.602N
POLY 1.5	P=0.538	P=0.155N	P=0.538N
POLY 6	P=0.547	P=0.408N	P=0.637
COCH-ARM / FISHERS	P=0.562N	P=0.122N	P=0.456N
MAX-ISO-POLY-3	P=0.415N	P=0.169N	P=0.483N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Adrenal Medulla			
Pheochromocytoma Malignant			
TUMOR RATES			
OVERALL (a)	2/95 (2%)	0/69 (0%)	0/69 (0%)
POLY-3 RATE (b)	2/29.96	0/18.49	0/17.72
POLY-3 PERCENT (g)	6.7%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	579	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.306N	P=0.349N	P=0.360N
POLY 1.5	P=0.305N	P=0.329N	P=0.337N
POLY 6	P=0.320N	P=0.405N	P=0.420N
COCH-ARM / FISHERS	P=0.302N	P=0.334N	P=0.334N
MAX-ISO-POLY-3	P=0.191N	P=0.163N	P=0.174N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

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LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Adrenal Medulla			
Pheochromocytoma: Benign, Complex, Malignant, NOS			
TUMOR RATES			
OVERALL (a)	19/95 (20%)	7/69 (10%)	11/69 (16%)
POLY-3 RATE (b)	19/39.06	7/22.02	11/24.80
POLY-3 PERCENT (g)	48.7%	31.8%	44.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	579	655	435
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.518N	P=0.126N	P=0.464N
POLY 1.5	P=0.488N	P=0.088N	P=0.401N
POLY 6	P=0.604N	P=0.297N	P=0.613N
COCH-ARM / FISHERS	P=0.442N	P=0.066N	P=0.325N
MAX-ISO-POLY-3	P=0.283N	P=0.108N	P=0.364N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Bone, Cranium			
Osteoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	1/70 (1%)	0/70 (0%)
POLY-3 RATE (b)	0/28.81	1/19.06	0/17.81
POLY-3 PERCENT (g)	0%	5.3%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	731	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Bone, Cranium			
Osteosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/95 (1%)	3/70 (4%)	4/70 (6%)
POLY-3 RATE (b)	1/29.43	3/20.63	4/20.13
POLY-3 PERCENT (g)	3.4%	14.6%	19.9%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	697	384	410
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.091	P=0.178	P=0.073
POLY 1.5	P=0.105	P=0.190	P=0.084
POLY 6	P=0.075	P=0.162	P=0.058
COCH-ARM / FISHERS	P=0.129	P=0.205	P=0.103
MAX-ISO-POLY-3	P=0.068	P=0.091	P=0.039*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Brain			
Meningioma Benign			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/95 (1%)	0/70 (0%)	1/70 (1%)
POLY-3 RATE (b)	1/29.62	0/18.50	1/18.54
POLY-3 PERCENT (g)	3.4%	0%	5.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	558	---	624
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Ear			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/95 (1%)	1/70 (1%)	4/70 (6%)
POLY-3 RATE (b)	1/29.55	1/19.04	4/20.76
POLY-3 PERCENT (g)	3.4%	5.3%	19.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	616	743	467
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.041*	P=0.661	P=0.078
POLY 1.5	P=0.046*	P=0.675	P=0.086
POLY 6	P=0.035*	P=0.638	P=0.068
COCH-ARM / FISHERS	P=0.054	P=0.670	P=0.103
MAX-ISO-POLY-3	P=0.043*	P=0.388	P=0.040*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Islets, Pancreatic Adenoma			
TUMOR RATES			
OVERALL (a)	9/95 (9%)	4/70 (6%)	5/69 (7%)
POLY-3 RATE (b)	9/33.70	4/20.92	5/20.10
POLY-3 PERCENT (g)	26.7%	19.1%	24.9%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	579	560	645
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.577N	P=0.370N	P=0.573N
POLY 1.5	P=0.521N	P=0.322N	P=0.499N
POLY 6	P=0.574	P=0.497N	P=0.640
COCH-ARM / FISHERS	P=0.458N	P=0.280N	P=0.418N
MAX-ISO-POLY-3	P=0.492N	P=0.278N	P=0.444N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

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LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Islets, Pancreatic Carcinoma or Adenoma			
TUMOR RATES			
OVERALL (a)	10/95 (11%)	4/70 (6%)	5/69 (7%)
POLY-3 RATE (b)	10/34.29	4/20.92	5/20.10
POLY-3 PERCENT (g)	29.2%	19.1%	24.9%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	579	560	645
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.496N	P=0.293N	P=0.489N
POLY 1.5	P=0.441N	P=0.248N	P=0.412N
POLY 6	P=0.623N	P=0.422N	P=0.653N
COCH-ARM / FISHERS	P=0.381N	P=0.210N	P=0.332N
MAX-ISO-POLY-3	P=0.409N	P=0.222N	P=0.376N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

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LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Kidney: Pelvis and Transitional Epithelium Papilloma			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	2/70 (3%)	1/70 (1%)
POLY-3 RATE (b)	0/28.81	2/19.61	1/18.31
POLY-3 PERCENT (g)	0%	10.2%	5.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	702	766
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.472	P=0.153	P=0.410
POLY 1.5	P=0.499	P=0.162	P=0.421
POLY 6	P=0.433	P=0.141	P=0.392
COCH-ARM / FISHERS	P=0.539	P=0.178	P=0.424
MAX-ISO-POLY-3	P=0.187	P=0.055	P=0.135
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Liver			
Cholangioma			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	1/70 (1%)	1/70 (1%)
POLY-3 RATE (b)	0/28.81	1/19.09	1/18.68
POLY-3 PERCENT (g)	0%	5.2%	5.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	718	487
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Lung			
Adenoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	2/70 (3%)	0/70 (0%)
POLY-3 RATE (b)	0/28.81	2/19.86	0/17.81
POLY-3 PERCENT (g)	0%	10.1%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	584	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.617N	P=0.155	(e)
POLY 1.5	P=0.591N	P=0.163	(e)
POLY 6	P=0.676N	P=0.144	(e)
COCH-ARM / FISHERS	P=0.556N	P=0.178	(e)
MAX-ISO-POLY-3	P=0.265	P=0.055	(e)
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Lung			
Lymphoma Lympho-immunoblastic			
TUMOR RATES			
OVERALL (a)	9/95 (9%)	8/70 (11%)	10/70 (14%)
POLY-3 RATE (b)	9/34.54	8/24.29	10/24.77
POLY-3 PERCENT (g)	26.1%	32.9%	40.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	537	480	480
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.158	P=0.379	P=0.163
POLY 1.5	P=0.182	P=0.404	P=0.189
POLY 6	P=0.132	P=0.349	P=0.138
COCH-ARM / FISHERS	P=0.229	P=0.437	P=0.238
MAX-ISO-POLY-3	P=0.166	P=0.284	P=0.116
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Aspartame
CAS Number: 22839-47-0

Date Report Requested: 11/06/2014
Time Report Requested: 15:05:59
First Dose M/F: 03/21/04 / 03/21/04
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Lung			
Lymphoma Lymphocytic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	0/70 (0%)	0/70 (0%)
POLY-3 RATE (b)	0/28.81	0/18.50	0/17.81
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Lymph Node			
Lymphoma Lympho-immunoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	4/95 (4%)	3/70 (4%)	4/70 (6%)
POLY-3 RATE (b)	4/31.38	3/20.65	4/20.68
POLY-3 PERCENT (g)	12.8%	14.5%	19.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	537	480	515
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.356	P=0.594	P=0.397
POLY 1.5	P=0.382	P=0.616	P=0.424
POLY 6	P=0.316	P=0.554	P=0.358
COCH-ARM / FISHERS	P=0.423	P=0.635	P=0.462
MAX-ISO-POLY-3	P=0.383	P=0.431	P=0.276
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Lymph Node			
Lymphoma Lymphoblastic			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	0/70 (0%)	1/70 (1%)
POLY-3 RATE (b)	0/28.81	0/18.50	1/18.64
POLY-3 PERCENT (g)	0%	0%	5.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	536
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Lymph Node			
Lymphoma Lymphocytic			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	0/70 (0%)	0/70 (0%)
POLY-3 RATE (b)	0/28.81	0/18.50	0/17.81
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Mammary Gland Carcinoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	0/70 (0%)	2/70 (3%)
POLY-3 RATE (b)	0/28.81	0/18.50	2/19.36
POLY-3 PERCENT (g)	0%	0%	10.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	467
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.060	(e)	P=0.151
POLY 1.5	P=0.063	(e)	P=0.159
POLY 6	P=0.054	(e)	P=0.139
COCH-ARM / FISHERS	P=0.070	(e)	P=0.178
MAX-ISO-POLY-3	P=0.043*	(e)	P=0.055
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Mammary Gland Fibroadenoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	2/95 (2%)	3/70 (4%)	0/70 (0%)
POLY-3 RATE (b)	2/30.24	3/20.92	0/17.81
POLY-3 PERCENT (g)	6.6%	14.3%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	569	483	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.267N	P=0.328	P=0.362N
POLY 1.5	P=0.235N	P=0.343	P=0.336N
POLY 6	P=0.355N	P=0.304	P=0.425N
COCH-ARM / FISHERS	P=0.202N	P=0.358	P=0.330N
MAX-ISO-POLY-3	P=0.204N	P=0.198	P=0.176N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Mammary Gland			
Fibroma, Fibroadenoma or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/95 (2%)	3/70 (4%)	0/70 (0%)
POLY-3 RATE (b)	2/30.24	3/20.92	0/17.81
POLY-3 PERCENT (g)	6.6%	14.3%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	569	483	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.267N	P=0.328	P=0.362N
POLY 1.5	P=0.235N	P=0.343	P=0.336N
POLY 6	P=0.355N	P=0.304	P=0.425N
COCH-ARM / FISHERS	P=0.202N	P=0.358	P=0.330N
MAX-ISO-POLY-3	P=0.204N	P=0.198	P=0.176N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM

Mammary Gland
Fibroma, Fibroadenoma, Carcinoma, or Adenoma

TUMOR RATES	#	#	#
OVERALL (a)	2/95 (2%)	3/70 (4%)	2/70 (3%)
POLY-3 RATE (b)	2/30.24	3/20.92	2/19.36
POLY-3 PERCENT (g)	6.6%	14.3%	10.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	569	483	467
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.538	P=0.328	P=0.526
POLY 1.5	P=0.566	P=0.343	P=0.548
POLY 6	P=0.491	P=0.304	P=0.492
COCH-ARM / FISHERS	P=0.607	P=0.358	P=0.568
MAX-ISO-POLY-3	P=0.387	P=0.198	P=0.338
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Mammary Gland			
Liposarcoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	0/70 (0%)	0/70 (0%)
POLY-3 RATE (b)	0/28.81	0/18.50	0/17.81
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)			
Papilloma Squamous or Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	1/70 (1%)	0/70 (0%)
POLY-3 RATE (b)	0/28.81	1/19.00	0/17.81
POLY-3 PERCENT (g)	0%	5.3%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	767	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	0/70 (0%)	1/70 (1%)
POLY-3 RATE (b)	0/28.81	0/18.50	1/18.42
POLY-3 PERCENT (g)	0%	0%	5.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	706
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM

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

TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	1/70 (1%)	1/70 (1%)
POLY-3 RATE (b)	0/28.81	1/19.00	1/18.42
POLY-3 PERCENT (g)	0%	5.3%	5.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	767	706
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Aspartame
 CAS Number: 22839-47-0

Date Report Requested: 11/06/2014
 Time Report Requested: 15:05:59
 First Dose M/F: 03/21/04 / 03/21/04
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Oral Mucosa			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	0/70 (0%)	1/70 (1%)
POLY-3 RATE (b)	0/28.81	0/18.50	1/18.42
POLY-3 PERCENT (g)	0%	0%	5.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	706
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Oral Mucosa			
Squamous Cell Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	1/70 (1%)	0/70 (0%)
POLY-3 RATE (b)	0/28.81	1/19.00	0/17.81
POLY-3 PERCENT (g)	0%	5.3%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	767	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Aspartame
CAS Number: 22839-47-0

Date Report Requested: 11/06/2014
Time Report Requested: 15:05:59
First Dose M/F: 03/21/04 / 03/21/04
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Parathyroid Gland Adenoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/64 (2%)	0/52 (0%)	2/52 (4%)
POLY-3 RATE (b)	1/21.23	0/13.43	2/15.13
POLY-3 PERCENT (g)	4.7%	0%	13.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	615	---	746
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.233	P=0.590N	P=0.378
POLY 1.5	P=0.244	P=0.563N	P=0.403
POLY 6	P=0.206	P=0.654N	P=0.335
COCH-ARM / FISHERS	P=0.255	P=0.552N	P=0.422
MAX-ISO-POLY-3	P=0.164	P=0.249N	P=0.202
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma			
TUMOR RATES			
OVERALL (a)	43/92 (47%)	28/66 (42%)	30/70 (43%)
POLY-3 RATE (b)	43/56.89	28/38.34	30/39.86
POLY-3 PERCENT (g)	75.6%	73%	75.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	293	394	437
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.585	P=0.478N	P=0.610N
POLY 1.5	P=0.539N	P=0.416N	P=0.524N
POLY 6	P=0.674	P=0.648N	P=0.748N
COCH-ARM / FISHERS	P=0.395N	P=0.354N	P=0.370N
MAX-ISO-POLY-3	P=0.574N	P=0.364N	P=0.481N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM

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

TUMOR RATES

OVERALL (a)	0/92 (0%)	0/66 (0%)	0/70 (0%)
POLY-3 RATE (b)	0/28.00	0/18.15	0/17.81
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma or Adenoma			
TUMOR RATES			
OVERALL (a)	43/92 (47%)	28/66 (42%)	30/70 (43%)
POLY-3 RATE (b)	43/56.89	28/38.34	30/39.86
POLY-3 PERCENT (g)	75.6%	73%	75.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	293	394	437
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.585	P=0.478N	P=0.610N
POLY 1.5	P=0.539N	P=0.416N	P=0.524N
POLY 6	P=0.674	P=0.648N	P=0.748N
COCH-ARM / FISHERS	P=0.395N	P=0.354N	P=0.370N
MAX-ISO-POLY-3	P=0.574N	P=0.364N	P=0.481N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Pleura			
Lymphoma Lympho-immunoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	4/95 (4%)	2/70 (3%)	1/70 (1%)
POLY-3 RATE (b)	4/31.63	2/19.78	1/18.44
POLY-3 PERCENT (g)	12.7%	10.1%	5.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	586	584	693
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.325N	P=0.569N	P=0.370N
POLY 1.5	P=0.295N	P=0.526N	P=0.328N
POLY 6	P=0.407N	P=0.666N	P=0.471N
COCH-ARM / FISHERS	P=0.264N	P=0.493N	P=0.293N
MAX-ISO-POLY-3	P=0.338N	P=0.402N	P=0.242N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Skin			
Fibroma			
TUMOR RATES	#	#	#
OVERALL (a)	3/95 (3%)	2/70 (3%)	1/70 (1%)
POLY-3 RATE (b)	3/30.80	2/19.64	1/18.47
POLY-3 PERCENT (g)	9.7%	10.2%	5.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	618	712	671
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.435N	P=0.668	P=0.500N
POLY 1.5	P=0.403N	P=0.671N	P=0.463N
POLY 6	P=0.514N	P=0.629	P=0.587N
COCH-ARM / FISHERS	P=0.369N	P=0.707	P=0.432N
MAX-ISO-POLY-3	P=0.443N	P=0.481	P=0.322N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Skin			
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma			
TUMOR RATES	#	#	#
OVERALL (a)	4/95 (4%)	2/70 (3%)	3/70 (4%)
POLY-3 RATE (b)	4/31.32	2/19.64	3/19.70
POLY-3 PERCENT (g)	12.8%	10.2%	15.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	618	712	583
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.503	P=0.567N	P=0.569
POLY 1.5	P=0.531	P=0.526N	P=0.599
POLY 6	P=0.452	P=0.665N	P=0.518
COCH-ARM / FISHERS	P=0.569	P=0.493N	P=0.635
MAX-ISO-POLY-3	P=0.511	P=0.400N	P=0.410
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Skin			
Fibrosarcoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	1/95 (1%)	0/70 (0%)	2/70 (3%)
POLY-3 RATE (b)	1/29.33	0/18.50	2/19.04
POLY-3 PERCENT (g)	3.4%	0%	10.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	755	---	583
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.211	P=0.591N	P=0.348
POLY 1.5	P=0.221	P=0.576N	P=0.366
POLY 6	P=0.194	P=0.629N	P=0.321
COCH-ARM / FISHERS	P=0.236	P=0.576N	P=0.387
MAX-ISO-POLY-3	P=0.154	P=0.244N	P=0.187
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Skin			
Lipoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/95 (2%)	2/70 (3%)	0/70 (0%)
POLY-3 RATE (b)	2/30.14	2/19.62	0/17.81
POLY-3 PERCENT (g)	6.6%	10.2%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	618	584	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.280N	P=0.533	P=0.361N
POLY 1.5	P=0.255N	P=0.554	P=0.335N
POLY 6	P=0.349N	P=0.494	P=0.424N
COCH-ARM / FISHERS	P=0.228N	P=0.568	P=0.330N
MAX-ISO-POLY-3	P=0.237N	P=0.343	P=0.175N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Spleen			
Lymphoma Lympho-immunoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/95 (1%)	0/70 (0%)	1/70 (1%)
POLY-3 RATE (b)	1/29.55	0/18.50	1/18.44
POLY-3 PERCENT (g)	3.4%	0%	5.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	618	---	693
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Spleen			
Lymphoma Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	0/70 (0%)	1/70 (1%)
POLY-3 RATE (b)	0/28.81	0/18.50	1/18.64
POLY-3 PERCENT (g)	0%	0%	5.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	536
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Spleen			
Lymphoma Lymphocytic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	0/70 (0%)	0/70 (0%)
POLY-3 RATE (b)	0/28.81	0/18.50	0/17.81
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Stomach, Forestomach Squamous Cell Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	4/95 (4%)	3/70 (4%)	1/70 (1%)
POLY-3 RATE (b)	4/31.25	3/20.54	1/18.64
POLY-3 PERCENT (g)	12.8%	14.6%	5.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	569	507	536
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.299N	P=0.593	P=0.360N
POLY 1.5	P=0.268N	P=0.615	P=0.324N
POLY 6	P=0.386N	P=0.556	P=0.454N
COCH-ARM / FISHERS	P=0.234N	P=0.635	P=0.293N
MAX-ISO-POLY-3	P=0.315N	P=0.431	P=0.233N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Testes			
Adenoma			
TUMOR RATES			
OVERALL (a)	3/94 (3%)	0/70 (0%)	2/68 (3%)
POLY-3 RATE (b)	3/29.94	0/18.50	2/18.77
POLY-3 PERCENT (g)	10%	0%	10.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	621	---	645
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.548	P=0.215N	P=0.662
POLY 1.5	P=0.555	P=0.196N	P=0.679
POLY 6	P=0.543	P=0.269N	P=0.644
COCH-ARM / FISHERS	P=0.571	P=0.186N	P=0.700
MAX-ISO-POLY-3	P=0.410N	P=0.111N	P=0.474
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Thymus			
Lymphoma Lympho-immunoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	3/90 (3%)	2/68 (3%)	3/68 (4%)
POLY-3 RATE (b)	3/28.95	2/19.49	3/19.27
POLY-3 PERCENT (g)	10.4%	10.3%	15.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	537	480	533
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.403	P=0.683N	P=0.463
POLY 1.5	P=0.426	P=0.655N	P=0.488
POLY 6	P=0.369	P=0.671	P=0.431
COCH-ARM / FISHERS	P=0.463	P=0.630N	P=0.519
MAX-ISO-POLY-3	P=0.426	P=0.495N	P=0.313
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Thymus			
Lymphoma Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/90 (0%)	0/68 (0%)	1/68 (1%)
POLY-3 RATE (b)	0/26.85	0/17.84	1/18.08
POLY-3 PERCENT (g)	0%	0%	5.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	536
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Aspartame
CAS Number: 22839-47-0

Date Report Requested: 11/06/2014
Time Report Requested: 15:05:59
First Dose M/F: 03/21/04 / 03/21/04
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Thymus			
Lymphoma Lymphocytic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/90 (0%)	0/68 (0%)	0/68 (0%)
POLY-3 RATE (b)	0/26.85	0/17.84	0/17.25
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Thymus			
Thymoma Benign			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/90 (0%)	0/68 (0%)	0/68 (0%)
POLY-3 RATE (b)	0/26.85	0/17.84	0/17.25
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Thymus			
Thymoma: Benign, Malignant, NOS			
TUMOR RATES			
OVERALL (a)	0/90 (0%)	0/68 (0%)	1/68 (1%)
POLY-3 RATE (b)	0/26.85	0/17.84	1/18.03
POLY-3 PERCENT (g)	0%	0%	5.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	587
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Thyroid Gland: C-Cell Adenoma			
TUMOR RATES			
OVERALL (a)	1/91 (1%)	3/69 (4%)	2/68 (3%)
POLY-3 RATE (b)	1/28.41	3/20.21	2/18.88
POLY-3 PERCENT (g)	3.5%	14.8%	10.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	616	483	636
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.416	P=0.183	P=0.356
POLY 1.5	P=0.444	P=0.196	P=0.375
POLY 6	P=0.372	P=0.163	P=0.324
COCH-ARM / FISHERS	P=0.482	P=0.214	P=0.392
MAX-ISO-POLY-3	P=0.229	P=0.093	P=0.191
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTEs	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Thyroid Gland: C-Cell Carcinoma			
TUMOR RATES			
OVERALL (a)	2/91 (2%)	0/69 (0%)	0/68 (0%)
POLY-3 RATE (b)	2/28.96	0/18.00	0/17.72
POLY-3 PERCENT (g)	6.9%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	638	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.296N	P=0.348N	P=0.352N
POLY 1.5	P=0.296N	P=0.323N	P=0.328N
POLY 6	P=0.313N	P=0.412N	P=0.416N
COCH-ARM / FISHERS	P=0.298N	P=0.322N	P=0.326N
MAX-ISO-POLY-3	P=0.180N	P=0.164N	P=0.167N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Thyroid Gland: C-Cell Carcinoma or Adenoma			
TUMOR RATES			
OVERALL (a)	3/91 (3%)	3/69 (4%)	2/68 (3%)
POLY-3 RATE (b)	3/29.70	3/20.21	2/18.88
POLY-3 PERCENT (g)	10.1%	14.8%	10.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	616	483	636
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.622N	P=0.475	P=0.667
POLY 1.5	P=0.583N	P=0.499	P=0.669N
POLY 6	P=0.589	P=0.431	P=0.620
COCH-ARM / FISHERS	P=0.544N	P=0.521	P=0.635N
MAX-ISO-POLY-3	P=0.545	P=0.321	P=0.479
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Tissue NOS			
Lymphoma Lympho-immunoblastic			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	3/95 (3%)	2/70 (3%)	4/70 (6%)
POLY-3 RATE (b)	3/30.91	2/20.15	4/20.40
POLY-3 PERCENT (g)	9.7%	9.9%	19.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	537	480	533
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.210	P=0.678	P=0.270
POLY 1.5	P=0.232	P=0.666N	P=0.297
POLY 6	P=0.181	P=0.646	P=0.236
COCH-ARM / FISHERS	P=0.266	P=0.707	P=0.335
MAX-ISO-POLY-3	P=0.238	P=0.490	P=0.177
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Aspartame
CAS Number: 22839-47-0

Date Report Requested: 11/06/2014
Time Report Requested: 15:05:59
First Dose M/F: 03/21/04 / 03/21/04
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
Tissue NOS			
Lymphoma Lymphoblastic			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	0/70 (0%)	1/70 (1%)
POLY-3 RATE (b)	0/28.81	0/18.50	1/18.64
POLY-3 PERCENT (g)	0%	0%	5.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	536
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Tissue NOS			
Lymphoma Lymphocytic			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	0/70 (0%)	0/70 (0%)
POLY-3 RATE (b)	0/28.81	0/18.50	0/17.81
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
All Organs			
Histiocytic Sarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	1/70 (1%)	0/70 (0%)
POLY-3 RATE (b)	0/28.81	1/19.19	0/17.81
POLY-3 PERCENT (g)	0%	5.2%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	655	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
All Organs			
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	2/70 (3%)	0/70 (0%)
POLY-3 RATE (b)	0/28.81	2/19.52	0/17.81
POLY-3 PERCENT (g)	0%	10.3%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	741	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.618N	P=0.152	(e)
POLY 1.5	P=0.591N	P=0.161	(e)
POLY 6	P=0.676N	P=0.139	(e)
COCH-ARM / FISHERS	P=0.556N	P=0.178	(e)
MAX-ISO-POLY-3	P=0.262	P=0.055	(e)
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM

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

TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	0/70 (0%)	0/70 (0%)
POLY-3 RATE (b)	0/28.81	0/18.50	0/17.81
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
<hr/>			
All Organs			
Osteoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	1/70 (1%)	0/70 (0%)
POLY-3 RATE (b)	0/28.81	1/19.06	0/17.81
POLY-3 PERCENT (g)	0%	5.3%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	731	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
All Organs			
Osteosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/95 (1%)	4/70 (6%)	5/70 (7%)
POLY-3 RATE (b)	1/29.43	4/21.40	5/20.93
POLY-3 PERCENT (g)	3.4%	18.7%	23.9%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	697	384	410
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.055	P=0.084	P=0.032*
POLY 1.5	P=0.065	P=0.091	P=0.038*
POLY 6	P=0.048*	P=0.076	P=0.025*
COCH-ARM / FISHERS	P=0.083	P=0.103	P=0.050*
MAX-ISO-POLY-3	P=0.034*	P=0.041*	P=0.017*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
All Organs			
Osteosarcoma or Osteoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/95 (1%)	5/70 (7%)	5/70 (7%)
POLY-3 RATE (b)	1/29.43	5/21.96	5/20.93
POLY-3 PERCENT (g)	3.4%	22.8%	23.9%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	697	384	410
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.077	P=0.037*	P=0.032*
POLY 1.5	P=0.089	P=0.042*	P=0.038*
POLY 6	P=0.072	P=0.033*	P=0.025*
COCH-ARM / FISHERS	P=0.114	P=0.050*	P=0.050*
MAX-ISO-POLY-3	P=0.040*	P=0.018*	P=0.017*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
All Organs			
Benign Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	66/95 (69%)	43/70 (61%)	44/70 (63%)
POLY-3 RATE (b)	66/71.69	43/47.95	44/49.45
POLY-3 PERCENT (g)	92.1%	89.7%	89%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	293	394	435
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.326N	P=0.416N	P=0.338N
POLY 1.5	P=0.351N	P=0.282N	P=0.322N
POLY 6	P=0.304N	P=0.826N	P=0.415N
COCH-ARM / FISHERS	P=0.294N	P=0.181N	P=0.234N
MAX-ISO-POLY-3	P=0.279N	P=0.244N	P=0.198N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS

DOSE	Males		
	0 PPM	400 PPM	2000 PPM
All Organs			
Malignant Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	23/95 (24%)	18/70 (26%)	28/70 (40%)
POLY-3 RATE (b)	23/43.43	18/30.52	28/37.71
POLY-3 PERCENT (g)	53%	59%	74.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	112	384	276
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.007**	P=0.368	P=0.011*
POLY 1.5	P=0.008**	P=0.409	P=0.013*
POLY 6	P=0.011*	P=0.337	P=0.017*
COCH-ARM / FISHERS	P=0.014*	P=0.483	P=0.023*
MAX-ISO-POLY-3	P=0.007**	P=0.283	P=0.005**
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 138 WEEKS**

DOSE	Males		
	0 PPM	400 PPM	2000 PPM

All Organs
Malignant and Benign Tumors

TUMOR RATES	#	#	#
OVERALL (a)	74/95 (78%)	51/70 (73%)	59/70 (84%)
POLY-3 RATE (b)	74/77.89	51/54.21	59/60.29
POLY-3 PERCENT (g)	95%	94.1%	97.9%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	112	384	276
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.116	P=0.612N	P=0.206
POLY 1.5	P=0.071	P=0.461N	P=0.118
POLY 6	P=0.642	P=0.942N	P=0.915
COCH-ARM / FISHERS	P=0.131	P=0.286N	P=0.205
MAX-ISO-POLY-3	P=0.069	P=0.348N	P=0.053
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Adrenal Cortex			
Adenoma			
TUMOR RATES			
OVERALL (a)	7/94 (7%)	3/70 (4%)	5/70 (7%)
POLY-3 RATE (b)	7/42.73	3/28.66	5/26.45
POLY-3 PERCENT (g)	16.4%	10.5%	18.9%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	415	774	660
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.437	P=0.358N	P=0.523
POLY 1.5	P=0.474	P=0.342N	P=0.565
POLY 6	P=0.423	P=0.361N	P=0.515
COCH-ARM / FISHERS	P=0.546	P=0.311N	P=0.595N
MAX-ISO-POLY-3	P=0.436	P=0.260N	P=0.404
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Adrenal Cortex Carcinoma			
TUMOR RATES			
OVERALL (a)	1/94 (1%)	2/70 (3%)	1/70 (1%)
POLY-3 RATE (b)	1/39.59	2/28.33	1/24.67
POLY-3 PERCENT (g)	2.5%	7.1%	4.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	766	687	788
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.629	P=0.383	P=0.651
POLY 1.5	P=0.652	P=0.385	P=0.665
POLY 6	P=0.624	P=0.397	P=0.649
COCH-ARM / FISHERS	P=0.666N	P=0.390	P=0.673
MAX-ISO-POLY-3	P=0.423	P=0.205	P=0.383
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM

Adrenal Medulla
Pheochromocytoma Benign

TUMOR RATES

OVERALL (a)	23/95 (24%)	22/70 (31%)	17/70 (24%)
POLY-3 RATE (b)	23/48.86	22/36.88	17/32.56
POLY-3 PERCENT (g)	47.1%	59.7%	52.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	541	499	576
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.479	P=0.134	P=0.397
POLY 1.5	P=0.524	P=0.149	P=0.440
POLY 6	P=0.556	P=0.156	P=0.466
COCH-ARM / FISHERS	P=0.450N	P=0.197	P=0.567
MAX-ISO-POLY-3	P=0.289	P=0.099	P=0.321
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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First Dose M/F: 03/21/04 / 03/21/04

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Adrenal Medulla			
Pheochromocytoma Malignant			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	3/70 (4%)	1/70 (1%)
POLY-3 RATE (b)	0/39.27	3/28.39	1/24.81
POLY-3 PERCENT (g)	0%	10.6%	4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	659	713
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.531	P=0.066	P=0.409
POLY 1.5	P=0.554	P=0.067	P=0.418
POLY 6	P=0.541	P=0.070	P=0.410
COCH-ARM / FISHERS	P=0.607	P=0.074	P=0.424
MAX-ISO-POLY-3	P=0.152	P=0.025*	P=0.136
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTEs	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Adrenal Medulla			
Pheochromocytoma: Benign, Complex, Malignant, NOS			
TUMOR RATES			
OVERALL (a)	23/95 (24%)	23/70 (33%)	18/70 (26%)
POLY-3 RATE (b)	23/48.86	23/37.08	18/33.17
POLY-3 PERCENT (g)	47.1%	62%	54.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	541	499	576
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.415	P=0.083	P=0.317
POLY 1.5	P=0.454	P=0.101	P=0.355
POLY 6	P=0.518	P=0.087	P=0.394
COCH-ARM / FISHERS	P=0.517N	P=0.147	P=0.483
MAX-ISO-POLY-3	P=0.208	P=0.060	P=0.254
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Bone, Cranium			
Osteoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/95 (1%)	6/70 (9%)	4/70 (6%)
POLY-3 RATE (b)	1/39.97	6/30.27	4/26.39
POLY-3 PERCENT (g)	2.5%	19.8%	15.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	649	631	640
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.187	P=0.019*	P=0.073
POLY 1.5	P=0.206	P=0.019*	P=0.081
POLY 6	P=0.212	P=0.024*	P=0.076
COCH-ARM / FISHERS	P=0.265	P=0.024*	P=0.103
MAX-ISO-POLY-3	P=0.062	P=0.009**	P=0.042*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTEs	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Bone, Cranium			
Osteosarcoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	3/95 (3%)	4/70 (6%)	3/70 (4%)
POLY-3 RATE (b)	3/40.96	4/30.51	3/26.05
POLY-3 PERCENT (g)	7.3%	13.1%	11.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	652	437	544
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.458	P=0.337	P=0.442
POLY 1.5	P=0.489	P=0.332	P=0.465
POLY 6	P=0.453	P=0.366	P=0.440
COCH-ARM / FISHERS	P=0.553	P=0.335	P=0.507
MAX-ISO-POLY-3	P=0.393	P=0.219	P=0.303
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTEs	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Brain			
Meningioma Benign			
TUMOR RATES			
OVERALL (a)	1/94 (1%)	3/70 (4%)	0/69 (0%)
POLY-3 RATE (b)	1/39.40	3/28.24	0/23.25
POLY-3 PERCENT (g)	2.5%	10.6%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	709	794	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.391N	P=0.190	P=0.603N
POLY 1.5	P=0.358N	P=0.195	P=0.587N
POLY 6	P=0.427N	P=0.198	P=0.620N
COCH-ARM / FISHERS	P=0.307N	P=0.209	P=0.577N
MAX-ISO-POLY-3	P=0.253N	P=0.098	P=0.259N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Ear			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	8/95 (8%)	7/70 (10%)	4/70 (6%)
POLY-3 RATE (b)	8/43.16	7/31.31	4/26.36
POLY-3 PERCENT (g)	18.5%	22.4%	15.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	468	502	615
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.419N	P=0.453	P=0.487N
POLY 1.5	P=0.371N	P=0.448	P=0.441N
POLY 6	P=0.452N	P=0.500	P=0.517N
COCH-ARM / FISHERS	P=0.289N	P=0.466	P=0.365N
MAX-ISO-POLY-3	P=0.453N	P=0.347	P=0.374N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Islets, Pancreatic Adenoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	2/67 (3%)	2/68 (3%)
POLY-3 RATE (b)	0/39.27	2/26.75	2/23.73
POLY-3 PERCENT (g)	0%	7.5%	8.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	886	839
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.183	P=0.155	P=0.136
POLY 1.5	P=0.203	P=0.157	P=0.147
POLY 6	P=0.176	P=0.160	P=0.131
COCH-ARM / FISHERS	P=0.245	P=0.170	P=0.173
MAX-ISO-POLY-3	P=0.128	P=0.055	P=0.055
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Aspartame
CAS Number: 22839-47-0

Date Report Requested: 11/06/2014
Time Report Requested: 15:05:59
First Dose M/F: 03/21/04 / 03/21/04
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Islets, Pancreatic Carcinoma or Adenoma			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	2/67 (3%)	2/68 (3%)
POLY-3 RATE (b)	0/39.27	2/26.75	2/23.73
POLY-3 PERCENT (g)	0%	7.5%	8.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	886	839
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.183	P=0.155	P=0.136
POLY 1.5	P=0.203	P=0.157	P=0.147
POLY 6	P=0.176	P=0.160	P=0.131
COCH-ARM / FISHERS	P=0.245	P=0.170	P=0.173
MAX-ISO-POLY-3	P=0.128	P=0.055	P=0.055
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Kidney: Pelvis and Transitional Epithelium Papilloma			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	6/70 (9%)	0/70 (0%)
POLY-3 RATE (b)	0/39.27	6/29.93	0/24.20
POLY-3 PERCENT (g)	0%	20.1%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	622	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.395N	P=0.004**	(e)
POLY 1.5	P=0.360N	P=0.005**	(e)
POLY 6	P=0.404N	P=0.005**	(e)
COCH-ARM / FISHERS	P=0.299N	P=0.005**	(e)
MAX-ISO-POLY-3	P=0.091	P=0.002**	(e)
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTEs	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Liver			
Cholangioma			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	2/70 (3%)	1/70 (1%)
POLY-3 RATE (b)	0/39.27	2/28.19	1/24.25
POLY-3 PERCENT (g)	0%	7.1%	4.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	742	954
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.463	P=0.165	P=0.405
POLY 1.5	P=0.489	P=0.166	P=0.417
POLY 6	P=0.454	P=0.174	P=0.399
COCH-ARM / FISHERS	P=0.539	P=0.178	P=0.424
MAX-ISO-POLY-3	P=0.206	P=0.057	P=0.136
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Lung Adenoma			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	0/70 (0%)	0/70 (0%)
POLY-3 RATE (b)	0/39.27	0/27.28	0/24.20
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Lung			
Lymphoma Lympho-immunoblastic			
TUMOR RATES			
OVERALL (a)	5/95 (5%)	4/70 (6%)	9/70 (13%)
POLY-3 RATE (b)	5/42.39	4/29.15	9/28.61
POLY-3 PERCENT (g)	11.8%	13.7%	31.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	556	666	496
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.020*	P=0.549	P=0.034*
POLY 1.5	P=0.027*	P=0.559	P=0.045*
POLY 6	P=0.016*	P=0.560	P=0.028*
COCH-ARM / FISHERS	P=0.044*	P=0.580	P=0.075
MAX-ISO-POLY-3	P=0.029*	P=0.410	P=0.027*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Lung			
Lymphoma Lymphocytic			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	0/70 (0%)	2/70 (3%)
POLY-3 RATE (b)	0/39.27	0/27.28	2/24.81
POLY-3 PERCENT (g)	0%	0%	8.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	780
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.056	(e)	P=0.144
POLY 1.5	P=0.060	(e)	P=0.153
POLY 6	P=0.054	(e)	P=0.141
COCH-ARM / FISHERS	P=0.070	(e)	P=0.178
MAX-ISO-POLY-3	P=0.045*	(e)	P=0.057
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Lymph Node			
Lymphoma Lympho-immunoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	1/95 (1%)	5/70 (7%)	8/70 (11%)
POLY-3 RATE (b)	1/39.95	5/29.67	8/29.16
POLY-3 PERCENT (g)	2.5%	16.9%	27.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	664	666	80
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.005**	P=0.042*	P=0.002**
POLY 1.5	P=0.006**	P=0.043*	P=0.003**
POLY 6	P=0.006**	P=0.049*	P=0.002**
COCH-ARM / FISHERS	P=0.010**	P=0.050*	P=0.005**
MAX-ISO-POLY-3	P=0.003**	P=0.021*	P<0.001**
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Lymph Node			
Lymphoma Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	2/95 (2%)	3/70 (4%)	0/70 (0%)
POLY-3 RATE (b)	2/40.39	3/28.00	0/24.20
POLY-3 PERCENT (g)	5%	10.7%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	701	754	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.265N	P=0.333	P=0.358N
POLY 1.5	P=0.240N	P=0.342	P=0.339N
POLY 6	P=0.286N	P=0.334	P=0.375N
COCH-ARM / FISHERS	P=0.202N	P=0.358	P=0.330N
MAX-ISO-POLY-3	P=0.205N	P=0.205	P=0.174N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Lymph Node			
Lymphoma Lymphocytic			
TUMOR RATES	#	#	#
OVERALL (a)	3/95 (3%)	1/70 (1%)	7/70 (10%)
POLY-3 RATE (b)	3/40.08	1/27.52	7/26.52
POLY-3 PERCENT (g)	7.5%	3.6%	26.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	710	886	778
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.009**	P=0.446N	P=0.034*
POLY 1.5	P=0.012*	P=0.439N	P=0.043*
POLY 6	P=0.008**	P=0.443N	P=0.033*
COCH-ARM / FISHERS	P=0.019*	P=0.432N	P=0.069
MAX-ISO-POLY-3	P=0.013*	P=0.275N	P=0.025*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Mammary Gland Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	5/95 (5%)	5/70 (7%)	11/70 (16%)
POLY-3 RATE (b)	5/41.16	5/29.25	11/28.14
POLY-3 PERCENT (g)	12.2%	17.1%	39.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	657	694	523
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.004**	P=0.403	P=0.006**
POLY 1.5	P=0.006**	P=0.407	P=0.011*
POLY 6	P=0.002**	P=0.428	P=0.004**
COCH-ARM / FISHERS	P=0.014*	P=0.427	P=0.025*
MAX-ISO-POLY-3	P=0.005**	P=0.291	P=0.005**
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Mammary Gland Fibroadenoma			
TUMOR RATES	#	#	#
OVERALL (a)	45/95 (47%)	38/70 (54%)	34/70 (49%)
POLY-3 RATE (b)	45/61.29	38/46.08	34/42.61
POLY-3 PERCENT (g)	73.4%	82.5%	79.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	354	338	349
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.312	P=0.118	P=0.248
POLY 1.5	P=0.384	P=0.148	P=0.314
POLY 6	P=0.385	P=0.136	P=0.318
COCH-ARM / FISHERS	P=0.522N	P=0.236	P=0.502
MAX-ISO-POLY-3	P=0.181	P=0.080	P=0.185
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Mammary Gland			
Fibroma, Fibroadenoma or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	45/95 (47%)	38/70 (54%)	34/70 (49%)
POLY-3 RATE (b)	45/61.29	38/46.08	34/42.61
POLY-3 PERCENT (g)	73.4%	82.5%	79.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	354	338	349
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.312	P=0.118	P=0.248
POLY 1.5	P=0.384	P=0.148	P=0.314
POLY 6	P=0.385	P=0.136	P=0.318
COCH-ARM / FISHERS	P=0.522N	P=0.236	P=0.502
MAX-ISO-POLY-3	P=0.181	P=0.080	P=0.185
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Mammary Gland			
Fibroma, Fibroadenoma, Carcinoma, or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	46/95 (48%)	39/70 (56%)	37/70 (53%)
POLY-3 RATE (b)	46/61.98	39/46.68	37/44.69
POLY-3 PERCENT (g)	74.2%	83.5%	82.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	354	338	349
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.181	P=0.103	P=0.138
POLY 1.5	P=0.229	P=0.132	P=0.179
POLY 6	P=0.270	P=0.122	P=0.215
COCH-ARM / FISHERS	P=0.404	P=0.221	P=0.343
MAX-ISO-POLY-3	P=0.112	P=0.068	P=0.097
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Mammary Gland			
Liposarcoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	2/70 (3%)	1/70 (1%)
POLY-3 RATE (b)	0/39.27	2/28.27	1/24.74
POLY-3 PERCENT (g)	0%	7.1%	4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	768	754
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.471	P=0.166	P=0.408
POLY 1.5	P=0.492	P=0.166	P=0.418
POLY 6	P=0.477	P=0.175	P=0.409
COCH-ARM / FISHERS	P=0.539	P=0.178	P=0.424
MAX-ISO-POLY-3	P=0.203	P=0.057	P=0.136
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)			
Papilloma Squamous or Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	3/95 (3%)	0/70 (0%)	1/70 (1%)
POLY-3 RATE (b)	3/41.28	0/27.28	1/25.14
POLY-3 PERCENT (g)	7.3%	0%	4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	433	---	391
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.514N	P=0.202N	P=0.494N
POLY 1.5	P=0.503N	P=0.195N	P=0.467N
POLY 6	P=0.522N	P=0.205N	P=0.516N
COCH-ARM / FISHERS	P=0.486N	P=0.188N	P=0.432N
MAX-ISO-POLY-3	P=0.262N	P=0.099N	P=0.320N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/95 (2%)	1/70 (1%)	3/70 (4%)
POLY-3 RATE (b)	2/40.19	1/27.47	3/25.98
POLY-3 PERCENT (g)	5%	3.6%	11.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	555	902	608
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.217	P=0.632N	P=0.304
POLY 1.5	P=0.230	P=0.624N	P=0.321
POLY 6	P=0.222	P=0.635N	P=0.314
COCH-ARM / FISHERS	P=0.263	P=0.613N	P=0.358
MAX-ISO-POLY-3	P=0.220	P=0.404N	P=0.191
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva) Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	5/95 (5%)	1/70 (1%)	4/70 (6%)
POLY-3 RATE (b)	5/42.20	1/27.47	4/26.91
POLY-3 PERCENT (g)	11.9%	3.6%	14.9%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	433	902	391
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.374	P=0.223N	P=0.501
POLY 1.5	P=0.391	P=0.211N	P=0.526
POLY 6	P=0.383	P=0.231N	P=0.514
COCH-ARM / FISHERS	P=0.432	P=0.193N	P=0.580
MAX-ISO-POLY-3	P=0.322	P=0.143N	P=0.372
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Oral Mucosa			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/95 (2%)	1/70 (1%)	3/70 (4%)
POLY-3 RATE (b)	2/40.19	1/27.47	3/25.98
POLY-3 PERCENT (g)	5%	3.6%	11.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	555	902	608
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.217	P=0.632N	P=0.304
POLY 1.5	P=0.230	P=0.624N	P=0.321
POLY 6	P=0.222	P=0.635N	P=0.314
COCH-ARM / FISHERS	P=0.263	P=0.613N	P=0.358
MAX-ISO-POLY-3	P=0.220	P=0.404N	P=0.191
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Oral Mucosa			
Squamous Cell Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	3/95 (3%)	0/70 (0%)	1/70 (1%)
POLY-3 RATE (b)	3/41.28	0/27.28	1/25.14
POLY-3 PERCENT (g)	7.3%	0%	4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	433	---	391
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.514N	P=0.202N	P=0.494N
POLY 1.5	P=0.503N	P=0.195N	P=0.467N
POLY 6	P=0.522N	P=0.205N	P=0.516N
COCH-ARM / FISHERS	P=0.486N	P=0.188N	P=0.432N
MAX-ISO-POLY-3	P=0.262N	P=0.099N	P=0.320N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Ovary Carcinoma			
TUMOR RATES			
OVERALL (a)	0/93 (0%)	0/68 (0%)	2/70 (3%)
POLY-3 RATE (b)	0/38.43	0/26.74	2/25.84
POLY-3 PERCENT (g)	0%	0%	7.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	422
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.061	(e)	P=0.154
POLY 1.5	P=0.065	(e)	P=0.161
POLY 6	P=0.061	(e)	P=0.156
COCH-ARM / FISHERS	P=0.073	(e)	P=0.183
MAX-ISO-POLY-3	P=0.046*	(e)	P=0.058
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Ovary			
Cystadenoma			
TUMOR RATES			
OVERALL (a)	3/93 (3%)	1/68 (1%)	4/70 (6%)
POLY-3 RATE (b)	3/39.43	1/27.05	4/26.50
POLY-3 PERCENT (g)	7.6%	3.7%	15.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	621	858	493
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.180	P=0.446N	P=0.286
POLY 1.5	P=0.194	P=0.441N	P=0.305
POLY 6	P=0.178	P=0.441N	P=0.289
COCH-ARM / FISHERS	P=0.224	P=0.436N	P=0.346
MAX-ISO-POLY-3	P=0.175	P=0.275N	P=0.191
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Ovary			
Fibroma			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/93 (1%)	2/68 (3%)	0/70 (0%)
POLY-3 RATE (b)	1/38.43	2/27.50	0/24.20
POLY-3 PERCENT (g)	2.6%	7.3%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	970	698	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.406N	P=0.382	P=0.591N
POLY 1.5	P=0.386N	P=0.381	P=0.579N
POLY 6	P=0.417N	P=0.402	P=0.598N
COCH-ARM / FISHERS	P=0.349N	P=0.384	P=0.571N
MAX-ISO-POLY-3	P=0.286N	P=0.203	P=0.247N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Parathyroid Gland			
Adenoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/64 (2%)	0/45 (0%)	0/48 (0%)
POLY-3 RATE (b)	1/29.52	0/17.48	0/15.36
POLY-3 PERCENT (g)	3.4%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	877	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM

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

TUMOR RATES

OVERALL (a)	25/92 (27%)	13/68 (19%)	13/65 (20%)
POLY-3 RATE (b)	25/49.37	13/31.31	13/28.60
POLY-3 PERCENT (g)	50.6%	41.5%	45.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	464	687	681
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.425N	P=0.261N	P=0.409N
POLY 1.5	P=0.350N	P=0.214N	P=0.318N
POLY 6	P=0.465N	P=0.317N	P=0.468N
COCH-ARM / FISHERS	P=0.247N	P=0.160N	P=0.200N
MAX-ISO-POLY-3	P=0.386N	P=0.215N	P=0.335N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma			
TUMOR RATES			
OVERALL (a)	2/92 (2%)	0/68 (0%)	0/65 (0%)
POLY-3 RATE (b)	2/39.62	0/26.53	0/23.16
POLY-3 PERCENT (g)	5.1%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	745	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.317N	P=0.330N	P=0.364N
POLY 1.5	P=0.313N	P=0.321N	P=0.346N
POLY 6	P=0.318N	P=0.337N	P=0.378N
COCH-ARM / FISHERS	P=0.308N	P=0.329N	P=0.342N
MAX-ISO-POLY-3	P=0.193N	P=0.147N	P=0.177N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Pituitary Gland: Pars Distalis or Unspecified Site Carcinoma or Adenoma			
TUMOR RATES			
OVERALL (a)	27/92 (29%)	13/68 (19%)	13/65 (20%)
POLY-3 RATE (b)	27/50.46	13/31.31	13/28.60
POLY-3 PERCENT (g)	53.5%	41.5%	45.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	464	687	681
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.326N	P=0.175N	P=0.305N
POLY 1.5	P=0.258N	P=0.137N	P=0.222N
POLY 6	P=0.373N	P=0.234N	P=0.375N
COCH-ARM / FISHERS	P=0.175N	P=0.097N	P=0.127N
MAX-ISO-POLY-3	P=0.288N	P=0.149N	P=0.256N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Pleura			
Lymphoma Lympho-immunoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	2/95 (2%)	1/70 (1%)	5/70 (7%)
POLY-3 RATE (b)	2/40.34	1/27.91	5/27.14
POLY-3 PERCENT (g)	5%	3.6%	18.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	664	694	496
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.035*	P=0.628N	P=0.081
POLY 1.5	P=0.039*	P=0.622N	P=0.091
POLY 6	P=0.033*	P=0.629N	P=0.079
COCH-ARM / FISHERS	P=0.051	P=0.613N	P=0.117
MAX-ISO-POLY-3	P=0.045*	P=0.400N	P=0.051
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
<hr/>			
Skin			
Fibroma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	0/70 (0%)	1/70 (1%)
POLY-3 RATE (b)	0/39.27	0/27.28	1/24.48
POLY-3 PERCENT (g)	0%	0%	4.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	870
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Aspartame
CAS Number: 22839-47-0

Date Report Requested: 11/06/2014
Time Report Requested: 15:05:59
First Dose M/F: 03/21/04 / 03/21/04
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM

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

TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	0/70 (0%)	1/70 (1%)
POLY-3 RATE (b)	0/39.27	0/27.28	1/24.48
POLY-3 PERCENT (g)	0%	0%	4.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	870
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Skin			
Fibrosarcoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	0/70 (0%)	0/70 (0%)
POLY-3 RATE (b)	0/39.27	0/27.28	0/24.20
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Skin			
Lipoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	1/70 (1%)	0/70 (0%)
POLY-3 RATE (b)	0/39.27	1/27.77	0/24.20
POLY-3 PERCENT (g)	0%	3.6%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	775	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Spleen			
Lymphoma Lympho-immunoblastic			
TUMOR RATES			
OVERALL (a)	1/95 (1%)	4/70 (6%)	7/70 (10%)
POLY-3 RATE (b)	1/39.79	4/29.12	7/28.14
POLY-3 PERCENT (g)	2.5%	13.7%	24.9%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	758	666	80
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.008**	P=0.092	P=0.005**
POLY 1.5	P=0.010**	P=0.093	P=0.007**
POLY 6	P=0.008**	P=0.101	P=0.005**
COCH-ARM / FISHERS	P=0.015*	P=0.103	P=0.011*
MAX-ISO-POLY-3	P=0.007**	P=0.046*	P=0.003**
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Aspartame
CAS Number: 22839-47-0

Date Report Requested: 11/06/2014
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First Dose M/F: 03/21/04 / 03/21/04
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Spleen			
Lymphoma Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	2/70 (3%)	0/70 (0%)
POLY-3 RATE (b)	0/39.27	2/27.90	0/24.20
POLY-3 PERCENT (g)	0%	7.2%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	754	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.617N	P=0.163	(e)
POLY 1.5	P=0.596N	P=0.165	(e)
POLY 6	P=0.627N	P=0.168	(e)
COCH-ARM / FISHERS	P=0.556N	P=0.178	(e)
MAX-ISO-POLY-3	P=0.274	P=0.057	(e)
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Spleen			
Lymphoma Lymphocytic			
TUMOR RATES			
OVERALL (a)	0/95 (0%)	0/70 (0%)	3/70 (4%)
POLY-3 RATE (b)	0/39.27	0/27.28	3/25.09
POLY-3 PERCENT (g)	0%	0%	12%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	780
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.013*	(e)	P=0.053
POLY 1.5	P=0.014*	(e)	P=0.059
POLY 6	P=0.012*	(e)	P=0.050*
COCH-ARM / FISHERS	P=0.019*	(e)	P=0.074
MAX-ISO-POLY-3	P=0.015*	(e)	P=0.025*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Stomach, Forestomach Squamous Cell Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	3/95 (3%)	2/70 (3%)	1/70 (1%)
POLY-3 RATE (b)	3/40.34	2/28.36	1/24.33
POLY-3 PERCENT (g)	7.4%	7.1%	4.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	817	666	927
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.442N	P=0.661N	P=0.498N
POLY 1.5	P=0.414N	P=0.654N	P=0.469N
POLY 6	P=0.469N	P=0.657N	P=0.526N
COCH-ARM / FISHERS	P=0.369N	P=0.707	P=0.432N
MAX-ISO-POLY-3	P=0.454N	P=0.477N	P=0.323N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Thymus			
Lymphoma Lympho-immunoblastic			
TUMOR RATES			
OVERALL (a)	2/94 (2%)	2/68 (3%)	7/70 (10%)
POLY-3 RATE (b)	2/40.11	2/27.56	7/28.74
POLY-3 PERCENT (g)	5%	7.3%	24.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	664	759	80
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.008**	P=0.554	P=0.019*
POLY 1.5	P=0.010**	P=0.556	P=0.023*
POLY 6	P=0.008**	P=0.574	P=0.019*
COCH-ARM / FISHERS	P=0.014*	P=0.560	P=0.033*
MAX-ISO-POLY-3	P=0.012*	P=0.360	P=0.012*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Thymus			
Lymphoma Lymphoblastic			
TUMOR RATES			
OVERALL (a)	2/94 (2%)	3/68 (4%)	0/70 (0%)
POLY-3 RATE (b)	2/40.16	3/27.31	0/24.20
POLY-3 PERCENT (g)	5%	11%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	701	754	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.263N	P=0.325	P=0.357N
POLY 1.5	P=0.238N	P=0.334	P=0.337N
POLY 6	P=0.286N	P=0.328	P=0.375N
COCH-ARM / FISHERS	P=0.199N	P=0.350	P=0.327N
MAX-ISO-POLY-3	P=0.202N	P=0.200	P=0.174N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Thymus			
Lymphoma Lymphocytic			
TUMOR RATES			
OVERALL (a)	2/94 (2%)	1/68 (1%)	7/70 (10%)
POLY-3 RATE (b)	2/39.85	1/26.82	7/26.52
POLY-3 PERCENT (g)	5%	3.7%	26.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	710	886	778
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.003**	P=0.638N	P=0.014*
POLY 1.5	P=0.004**	P=0.630N	P=0.019*
POLY 6	P=0.003**	P=0.639N	P=0.012*
COCH-ARM / FISHERS	P=0.008**	P=0.620N	P=0.033*
MAX-ISO-POLY-3	P=0.005**	P=0.409N	P=0.010**
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Thymus			
Thymoma Benign			
<hr/>			
TUMOR RATES			
OVERALL (a)	6/94 (6%)	5/68 (7%)	4/70 (6%)
POLY-3 RATE (b)	6/40.93	5/27.83	4/26.16
POLY-3 PERCENT (g)	14.7%	18%	15.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	642	754	391
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.603	P=0.487	P=0.612
POLY 1.5	P=0.565N	P=0.496	P=0.627N
POLY 6	P=0.589	P=0.508	P=0.605
COCH-ARM / FISHERS	P=0.499N	P=0.523	P=0.566N
MAX-ISO-POLY-3	P=0.573	P=0.365	P=0.474
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM

Thymus
Thymoma: Benign, Malignant, NOS

TUMOR RATES

OVERALL (a)	6/94 (6%)	5/68 (7%)	4/70 (6%)
POLY-3 RATE (b)	6/40.93	5/27.83	4/26.16
POLY-3 PERCENT (g)	14.7%	18%	15.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	642	754	391
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.603	P=0.487	P=0.612
POLY 1.5	P=0.565N	P=0.496	P=0.627N
POLY 6	P=0.589	P=0.508	P=0.605
COCH-ARM / FISHERS	P=0.499N	P=0.523	P=0.566N
MAX-ISO-POLY-3	P=0.573	P=0.365	P=0.474
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

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First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM

Thyroid Gland: C-Cell
Adenoma

TUMOR RATES

OVERALL (a)	7/95 (7%)	8/68 (12%)	1/68 (1%)
POLY-3 RATE (b)	7/43.13	8/30.41	1/23.60
POLY-3 PERCENT (g)	16.2%	26.3%	4.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	652	675	927
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.115N	P=0.213	P=0.150N
POLY 1.5	P=0.085N	P=0.219	P=0.122N
POLY 6	P=0.158N	P=0.236	P=0.185N
COCH-ARM / FISHERS	P=0.053N	P=0.246	P=0.084N
MAX-ISO-POLY-3	P=0.112N	P=0.154	P=0.114N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM

Thyroid Gland: C-Cell
Carcinoma

TUMOR RATES

OVERALL (a)	1/95 (1%)	0/68 (0%)	1/68 (1%)
POLY-3 RATE (b)	1/40.16	0/26.98	1/23.96
POLY-3 PERCENT (g)	2.5%	0%	4.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	464	---	780
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)		
CURR VS HC ALL RTES	(n)		

Experiment Number: 00117 - 72

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Thyroid Gland: C-Cell Carcinoma or Adenoma			
TUMOR RATES			
OVERALL (a)	8/95 (8%)	8/68 (12%)	2/68 (3%)
POLY-3 RATE (b)	8/44.02	8/30.41	2/24.08
POLY-3 PERCENT (g)	18.2%	26.3%	8.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	464	675	780
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.180N	P=0.282	P=0.230N
POLY 1.5	P=0.137N	P=0.293	P=0.189N
POLY 6	P=0.232N	P=0.306	P=0.278N
COCH-ARM / FISHERS	P=0.087N	P=0.327	P=0.133N
MAX-ISO-POLY-3	P=0.186N	P=0.212	P=0.179N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTEs	(e)		

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Tissue NOS			
Lymphoma Lympho-immunoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	1/95 (1%)	1/70 (1%)	8/70 (11%)
POLY-3 RATE (b)	1/39.95	1/27.80	8/29.16
POLY-3 PERCENT (g)	2.5%	3.6%	27.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	664	759	80
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P<0.001**	P=0.679	P=0.002**
POLY 1.5	P<0.001**	P=0.681	P=0.003**
POLY 6	P<0.001**	P=0.689	P=0.002**
COCH-ARM / FISHERS	P<0.001**	P=0.670	P=0.005**
MAX-ISO-POLY-3	P<0.001**	P=0.404	P<0.001**
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Tissue NOS			
Lymphoma Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	2/95 (2%)	3/70 (4%)	0/70 (0%)
POLY-3 RATE (b)	2/40.39	3/28.00	0/24.20
POLY-3 PERCENT (g)	5%	10.7%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	701	754	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.265N	P=0.333	P=0.358N
POLY 1.5	P=0.240N	P=0.342	P=0.339N
POLY 6	P=0.286N	P=0.334	P=0.375N
COCH-ARM / FISHERS	P=0.202N	P=0.358	P=0.330N
MAX-ISO-POLY-3	P=0.205N	P=0.205	P=0.174N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Tissue NOS			
Lymphoma Lymphocytic			
TUMOR RATES	#	#	#
OVERALL (a)	2/95 (2%)	1/70 (1%)	6/70 (9%)
POLY-3 RATE (b)	2/40.08	1/27.52	6/26.21
POLY-3 PERCENT (g)	5%	3.6%	22.9%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	710	886	778
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.010**	P=0.631N	P=0.032*
POLY 1.5	P=0.013*	P=0.623N	P=0.040*
POLY 6	P=0.009**	P=0.634N	P=0.030*
COCH-ARM / FISHERS	P=0.020*	P=0.613N	P=0.062
MAX-ISO-POLY-3	P=0.015*	P=0.403N	P=0.023*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Uterus Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/95 (2%)	1/70 (1%)	0/70 (0%)
POLY-3 RATE (b)	2/39.93	1/27.47	0/24.20
POLY-3 PERCENT (g)	5%	3.6%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	817	902	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.296N	P=0.630N	P=0.356N
POLY 1.5	P=0.282N	P=0.622N	P=0.338N
POLY 6	P=0.306N	P=0.634N	P=0.369N
COCH-ARM / FISHERS	P=0.260N	P=0.613N	P=0.330N
MAX-ISO-POLY-3	P=0.253N	P=0.402N	P=0.172N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

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Route: DOSED FEED

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Uterus			
Leiomyosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	3/95 (3%)	0/70 (0%)	0/70 (0%)
POLY-3 RATE (b)	3/40.69	0/27.28	0/24.20
POLY-3 PERCENT (g)	7.4%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	619	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.192N	P=0.198N	P=0.228N
POLY 1.5	P=0.187N	P=0.193N	P=0.210N
POLY 6	P=0.194N	P=0.198N	P=0.242N
COCH-ARM / FISHERS	P=0.180N	P=0.188N	P=0.188N
MAX-ISO-POLY-3	P=0.123N	P=0.096N	P=0.124N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTEs	(e)		

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Uterus			
Polyp Stromal			
TUMOR RATES	#	#	#
OVERALL (a)	22/95 (23%)	27/70 (39%)	23/70 (33%)
POLY-3 RATE (b)	22/50.50	27/40.66	23/37.36
POLY-3 PERCENT (g)	43.6%	66.4%	61.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	440	492	421
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.114	P=0.010**	P=0.045*
POLY 1.5	P=0.135	P=0.011*	P=0.059
POLY 6	P=0.141	P=0.022*	P=0.055
COCH-ARM / FISHERS	P=0.226	P=0.025*	P=0.114
MAX-ISO-POLY-3	P=0.026*	P=0.006**	P=0.035*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Uterus			
Sarcoma Stromal or Polyp Stromal			
TUMOR RATES	#	#	#
OVERALL (a)	22/95 (23%)	27/70 (39%)	23/70 (33%)
POLY-3 RATE (b)	22/50.50	27/40.66	23/37.36
POLY-3 PERCENT (g)	43.6%	66.4%	61.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	440	492	421
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.114	P=0.010**	P=0.045*
POLY 1.5	P=0.135	P=0.011*	P=0.059
POLY 6	P=0.141	P=0.022*	P=0.055
COCH-ARM / FISHERS	P=0.226	P=0.025*	P=0.114
MAX-ISO-POLY-3	P=0.026*	P=0.006**	P=0.035*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTEs	(e)		

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LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Uterus			
Schwannoma Malignant			
TUMOR RATES	#	#	#
OVERALL (a)	3/95 (3%)	0/70 (0%)	2/70 (3%)
POLY-3 RATE (b)	3/41.09	0/27.28	2/25.58
POLY-3 PERCENT (g)	7.3%	0%	7.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	552	---	633
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.537	P=0.200N	P=0.654
POLY 1.5	P=0.550	P=0.194N	P=0.673
POLY 6	P=0.539	P=0.204N	P=0.657
COCH-ARM / FISHERS	P=0.579	P=0.188N	P=0.707
MAX-ISO-POLY-3	P=0.410N	P=0.098N	P=0.472
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

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LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
Vagina			
Polyp			
TUMOR RATES	#	#	#
OVERALL (a)	2/95 (2%)	0/70 (0%)	0/70 (0%)
POLY-3 RATE (b)	2/40.57	0/27.28	0/24.20
POLY-3 PERCENT (g)	4.9%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	621	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.313N	P=0.329N	P=0.360N
POLY 1.5	P=0.308N	P=0.322N	P=0.340N
POLY 6	P=0.316N	P=0.333N	P=0.377N
COCH-ARM / FISHERS	P=0.300N	P=0.330N	P=0.330N
MAX-ISO-POLY-3	P=0.191N	P=0.146N	P=0.175N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTEs	(e)		

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LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
All Organs			
Histiocytic Sarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/95 (2%)	0/70 (0%)	1/70 (1%)
POLY-3 RATE (b)	2/40.83	0/27.28	1/25.00
POLY-3 PERCENT (g)	4.9%	0%	4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	465	---	569
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.695N	P=0.330N	P=0.667N
POLY 1.5	P=0.686N	P=0.323N	P=0.645N
POLY 6	P=0.702N	P=0.334N	P=0.683N
COCH-ARM / FISHERS	P=0.672N	P=0.330N	P=0.613N
MAX-ISO-POLY-3	P=0.398N	P=0.147N	P=0.441N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
All Organs			
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	1/70 (1%)	3/70 (4%)
POLY-3 RATE (b)	0/39.27	1/27.59	3/26.30
POLY-3 PERCENT (g)	0%	3.6%	11.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	856	523
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.039*	P=0.429	P=0.057
POLY 1.5	P=0.043*	P=0.431	P=0.061
POLY 6	P=0.041*	P=0.437	P=0.059
COCH-ARM / FISHERS	P=0.053	P=0.424	P=0.074
MAX-ISO-POLY-3	P=0.032*	P=0.136	P=0.025*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
All Organs			
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type			
TUMOR RATES	#	#	#
OVERALL (a)	0/95 (0%)	0/70 (0%)	2/70 (3%)
POLY-3 RATE (b)	0/39.27	0/27.28	2/25.48
POLY-3 PERCENT (g)	0%	0%	7.9%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	80
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.058	(e)	P=0.148
POLY 1.5	P=0.062	(e)	P=0.157
POLY 6	P=0.057	(e)	P=0.147
COCH-ARM / FISHERS	P=0.070	(e)	P=0.178
MAX-ISO-POLY-3	P=0.045*	(e)	P=0.057
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Aspartame

CAS Number: 22839-47-0

Date Report Requested: 11/06/2014

Time Report Requested: 15:05:59

First Dose M/F: 03/21/04 / 03/21/04

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
All Organs			
Osteoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/95 (1%)	6/70 (9%)	5/70 (7%)
POLY-3 RATE (b)	1/39.97	6/30.27	5/27.10
POLY-3 PERCENT (g)	2.5%	19.8%	18.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	649	631	640
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.097	P=0.019*	P=0.032*
POLY 1.5	P=0.107	P=0.019*	P=0.036*
POLY 6	P=0.118	P=0.024*	P=0.035*
COCH-ARM / FISHERS	P=0.147	P=0.024*	P=0.050*
MAX-ISO-POLY-3	P=0.044*	P=0.009**	P=0.019*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTEs	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

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P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
All Organs			
Osteosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	4/95 (4%)	5/70 (7%)	4/70 (6%)
POLY-3 RATE (b)	4/41.47	5/31.00	4/26.41
POLY-3 PERCENT (g)	9.7%	16.1%	15.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	652	437	544
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.404	P=0.315	P=0.382
POLY 1.5	P=0.439	P=0.310	P=0.409
POLY 6	P=0.395	P=0.348	P=0.378
COCH-ARM / FISHERS	P=0.512	P=0.315	P=0.462
MAX-ISO-POLY-3	P=0.372	P=0.213	P=0.272
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
All Organs			
Osteosarcoma or Osteoma			
TUMOR RATES	#	#	#
OVERALL (a)	5/95 (5%)	10/70 (14%)	8/70 (11%)
POLY-3 RATE (b)	5/42.17	10/33.50	8/28.95
POLY-3 PERCENT (g)	11.9%	29.9%	27.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	649	437	544
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.151	P=0.039*	P=0.075
POLY 1.5	P=0.171	P=0.037*	P=0.087
POLY 6	P=0.175	P=0.055	P=0.083
COCH-ARM / FISHERS	P=0.239	P=0.043*	P=0.123
MAX-ISO-POLY-3	P=0.081	P=0.023*	P=0.055
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS**

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
All Organs			
Benign Tumors			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	75/95 (79%)	54/70 (77%)	58/70 (83%)
POLY-3 RATE (b)	75/79.70	54/56.03	58/59.29
POLY-3 PERCENT (g)	94.1%	96.4%	97.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	354	338	335
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.103	P=0.362	P=0.123
POLY 1.5	P=0.131	P=0.461	P=0.154
POLY 6	P=0.354	P=0.678	P=0.454
COCH-ARM / FISHERS	P=0.277	P=0.463N	P=0.336
MAX-ISO-POLY-3	P=0.041*	P=0.167	P=0.037*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
All Organs			
Malignant Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	42/95 (44%)	31/70 (44%)	36/70 (51%)
POLY-3 RATE (b)	42/60.69	31/42.63	36/44.21
POLY-3 PERCENT (g)	69.2%	72.7%	81.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	464	437	80
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.052	P=0.417	P=0.060
POLY 1.5	P=0.087	P=0.452	P=0.099
POLY 6	P=0.060	P=0.488	P=0.074
COCH-ARM / FISHERS	P=0.192	P=0.559	P=0.224
MAX-ISO-POLY-3	P=0.064	P=0.329	P=0.042*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 139 WEEKS

DOSE	Females		
	0 PPM	400 PPM	2000 PPM
All Organs			
Malignant and Benign Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	83/95 (87%)	56/70 (80%)	63/70 (90%)
POLY-3 RATE (b)	83/85.19	56/57.55	63/63.74
POLY-3 PERCENT (g)	97.4%	97.3%	98.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	354	338	80
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.335	P=0.838N	P=0.489
POLY 1.5	P=0.244	P=0.419N	P=0.379
POLY 6	P=0.968	P=0.999	P=0.994
COCH-ARM / FISHERS	P=0.241	P=0.143N	P=0.395
MAX-ISO-POLY-3	P=0.168	P=0.469N	P=0.129
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 72

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/SD

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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.
- (e) Value of statistic cannot be computed.
- (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
- (g) Poly-3 adjusted lifetime tumor incidence.
- (h) Historical Controls statistic is not calculated when the HC Poly-3 rate is higher than the Poly-3 rates for all dose groups.
- (n) No statistics are calculated if all dose groups have fewer than two tumors.
- (I) Interim sacrifice
- (T) Terminal sacrifice
- # Tumor rates based on numbers of animals necropsied.
- * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
- ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
- N Indicates a negative trend for all tests
The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***