

Experiment Number: 00117 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl-Tertiary-Butyl Ether

CAS Number: 1634-04-4

Date Report Requested: 10/01/2014

Time Report Requested: 17:53:59

First Dose M/F: 09/28/88 / 09/28/88

Lab: CRC

NTP Study Number: C00117F
Lock Date: 12/05/2007
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
Larynx
Liver
Lung
Nose
Ovary
Pancreas
Pituitary Gland
Prostate
Spleen
Testes
Thymus
Thyroid Gland

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF METHYL-TERTIARY-BUTYL ETHER

MALE RATS

Organ

Testes
Thyroid Gland: C-Cell
All Organs

FEMALE RATS

Organ

Adrenal Medulla
Ear
Lung
Lymph Node
Mammary Gland

Ovary
All Organs

Morphology

Adenoma
Adenoma
Benign Tumors

Morphology

Pheochromocytoma: Benign, Complex, Malignant, NOS
Squamous Cell Carcinoma
Lymphoma Lympho-immunoblastic
Lymphoma Lympho-immunoblastic
Fibroadenoma
Fibroma
Fibroma, Fibroadenoma or Adenoma
Fibroma, Fibroadenoma, Carcinoma, or Adenoma
Granulosa Cell Tumor Benign
Benign Tumors
Malignant and Benign Tumors

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Adrenal Cortex			
Adenoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	1/60 (2%)	0/60 (0%)
POLY-3 RATE (b)	1/10.16	1/9.97	0/12.87
POLY-3 PERCENT (g)	9.8%	10%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	626	723	---
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 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Adrenal Cortex Carcinoma			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/9.32	0/9.21	0/12.87
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)		

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LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Adrenal Cortex			
Leukemia Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	1/10.21	0/9.21	2/14.61
POLY-3 PERCENT (g)	9.8%	0%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	558	---	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.320	P=0.357N	P=0.538
POLY 1.5	P=0.297	P=0.417N	P=0.501
POLY 6	P=0.411	P=0.281N	P=0.636
COCH-ARM / FISHERS	P=0.304	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.357	P=0.174N	P=0.398
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 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Adrenal Medulla			
Leukemia Lymphoblastic			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	1/10.21	0/9.21	2/14.61
POLY-3 PERCENT (g)	9.8%	0%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	558	---	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.320	P=0.357N	P=0.538
POLY 1.5	P=0.297	P=0.417N	P=0.501
POLY 6	P=0.411	P=0.281N	P=0.636
COCH-ARM / FISHERS	P=0.304	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.357	P=0.174N	P=0.398
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 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Adrenal Medulla			
Pheochromocytoma Benign			
TUMOR RATES			
OVERALL (a)	13/60 (22%)	13/60 (22%)	20/60 (33%)
POLY-3 RATE (b)	13/19.26	13/19.52	20/25.97
POLY-3 PERCENT (g)	67.5%	66.6%	77%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	393	393	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.210	P=0.479N	P=0.347
POLY 1.5	P=0.090	P=0.528N	P=0.160
POLY 6	P=0.567N	P=0.442N	P=0.520N
COCH-ARM / FISHERS	P=0.068	P=0.588N	P=0.110
MAX-ISO-POLY-3	P=0.253	P=0.466N	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)		

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Adrenal Medulla			
Pheochromocytoma Malignant			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	0/9.32	1/10.17	1/13.69
POLY-3 PERCENT (g)	0%	9.8%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	393	658
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 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg

Adrenal Medulla
Pheochromocytoma: Benign, Complex, Malignant, NOS

TUMOR RATES

OVERALL (a)	13/60 (22%)	13/60 (22%)	20/60 (33%)
POLY-3 RATE (b)	13/19.26	13/19.52	20/25.97
POLY-3 PERCENT (g)	67.5%	66.6%	77%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	393	393	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.210	P=0.479N	P=0.347
POLY 1.5	P=0.090	P=0.528N	P=0.160
POLY 6	P=0.567N	P=0.442N	P=0.520N
COCH-ARM / FISHERS	P=0.068	P=0.588N	P=0.110
MAX-ISO-POLY-3	P=0.253	P=0.466N	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)		

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Bone, Cranium			
Osteosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	3/60 (5%)	2/60 (3%)	1/60 (2%)
POLY-3 RATE (b)	3/12.02	2/11.03	1/13.72
POLY-3 PERCENT (g)	25%	18.1%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	506	465	624
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.174N	P=0.429N	P=0.196N
POLY 1.5	P=0.232N	P=0.455N	P=0.256N
POLY 6	P=0.088N	P=0.427N	P=0.122N
COCH-ARM / FISHERS	P=0.271N	P=0.500N	P=0.309N
MAX-ISO-POLY-3	P=0.157N	P=0.339N	P=0.112N
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 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Brain			
Leukemia Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	1/10.21	0/9.21	2/14.61
POLY-3 PERCENT (g)	9.8%	0%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	558	---	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.320	P=0.357N	P=0.538
POLY 1.5	P=0.297	P=0.417N	P=0.501
POLY 6	P=0.411	P=0.281N	P=0.636
COCH-ARM / FISHERS	P=0.304	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.357	P=0.174N	P=0.398
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 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Brain			
Oligodendroglioma Malignant			
TUMOR RATES			
OVERALL (a)	3/60 (5%)	2/60 (3%)	3/60 (5%)
POLY-3 RATE (b)	3/11.99	2/11.04	3/14.33
POLY-3 PERCENT (g)	25%	18.1%	20.9%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	444	220	490
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.539N	P=0.427N	P=0.510N
POLY 1.5	P=0.592	P=0.453N	P=0.598N
POLY 6	P=0.359N	P=0.425N	P=0.371N
COCH-ARM / FISHERS	P=0.570	P=0.500N	P=0.660N
MAX-ISO-POLY-3	P=0.506N	P=0.338N	P=0.401N
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 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Ear			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	3/60 (5%)	3/60 (5%)
POLY-3 RATE (b)	2/11.02	3/11.36	3/14.83
POLY-3 PERCENT (g)	18.2%	26.4%	20.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	500	587	716
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.589	P=0.480	P=0.566
POLY 1.5	P=0.510	P=0.486	P=0.510
POLY 6	P=0.424N	P=0.497	P=0.572N
COCH-ARM / FISHERS	P=0.486	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.535	P=0.308	P=0.450
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 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Harderian Gland			
Leukemia Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	0/9.32	1/10.11	2/14.61
POLY-3 PERCENT (g)	0%	9.9%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	533	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.238	P=0.390	P=0.243
POLY 1.5	P=0.202	P=0.435	P=0.227
POLY 6	P=0.355	P=0.347	P=0.307
COCH-ARM / FISHERS	P=0.196	P=0.500	P=0.248
MAX-ISO-POLY-3	P=0.236	P=0.169	P=0.167
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 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Islets, Pancreatic Adenoma			
TUMOR RATES			
OVERALL (a)	4/60 (7%)	2/60 (3%)	5/60 (8%)
POLY-3 RATE (b)	4/12.14	2/10.62	5/15.42
POLY-3 PERCENT (g)	33%	18.8%	32.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	393	698	737
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.474	P=0.264N	P=0.586N
POLY 1.5	P=0.379	P=0.296N	P=0.548
POLY 6	P=0.446N	P=0.226N	P=0.370N
COCH-ARM / FISHERS	P=0.346	P=0.340N	P=0.500
MAX-ISO-POLY-3	P=0.495N	P=0.215N	P=0.488N
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
<hr/>			
Islets, Pancreatic			
Leukemia Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	0/9.32	1/10.11	2/14.61
POLY-3 PERCENT (g)	0%	9.9%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	533	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.238	P=0.390	P=0.243
POLY 1.5	P=0.202	P=0.435	P=0.227
POLY 6	P=0.355	P=0.347	P=0.307
COCH-ARM / FISHERS	P=0.196	P=0.500	P=0.248
MAX-ISO-POLY-3	P=0.236	P=0.169	P=0.167
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Kidney: Renal Tubule Adenoma			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	1/10.15	1/9.81	2/14.10
POLY-3 PERCENT (g)	9.9%	10.2%	14.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	639	856	786
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.444	P=0.676N	P=0.526
POLY 1.5	P=0.404	P=0.712N	P=0.495
POLY 6	P=0.563	P=0.652N	P=0.621
COCH-ARM / FISHERS	P=0.402	P=0.752N	P=0.500
MAX-ISO-POLY-3	P=0.525	P=0.489	P=0.388
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Kidney: Renal Tubule			
Leukemia Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	1/10.21	1/10.11	2/14.61
POLY-3 PERCENT (g)	9.8%	9.9%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	558	533	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.455	P=0.670N	P=0.538
POLY 1.5	P=0.410	P=0.709N	P=0.501
POLY 6	P=0.577	P=0.635N	P=0.636
COCH-ARM / FISHERS	P=0.402	P=0.752N	P=0.500
MAX-ISO-POLY-3	P=0.539	P=0.496	P=0.398
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Kidney: Renal Tubule			
Lymphoma Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	2/60 (3%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	2/11.24	1/9.95	1/13.24
POLY-3 PERCENT (g)	17.8%	10.1%	7.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	168	737	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.348N	P=0.423N	P=0.357N
POLY 1.5	P=0.423N	P=0.455N	P=0.434N
POLY 6	P=0.220N	P=0.400N	P=0.253N
COCH-ARM / FISHERS	P=0.480N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.308N	P=0.307N	P=0.231N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Larynx			
Leukemia Lymphoblastic			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	1/10.21	0/9.21	2/14.61
POLY-3 PERCENT (g)	9.8%	0%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	558	---	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.320	P=0.357N	P=0.538
POLY 1.5	P=0.297	P=0.417N	P=0.501
POLY 6	P=0.411	P=0.281N	P=0.636
COCH-ARM / FISHERS	P=0.304	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.357	P=0.174N	P=0.398
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
<hr/>			
Liver			
Hepatocellular Carcinoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	2/60 (3%)	1/60 (2%)
POLY-3 RATE (b)	0/9.32	2/10.89	1/13.26
POLY-3 PERCENT (g)	0%	18.4%	7.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	525	989
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.633	P=0.194	P=0.430
POLY 1.5	P=0.580	P=0.210	P=0.452
POLY 6	P=0.498N	P=0.189	P=0.433
COCH-ARM / FISHERS	P=0.568	P=0.248	P=0.500
MAX-ISO-POLY-3	P=0.266	P=0.093	P=0.234
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
<hr/>			
Liver			
Leukemia Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	1/10.21	1/10.11	2/14.61
POLY-3 PERCENT (g)	9.8%	9.9%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	558	533	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.455	P=0.670N	P=0.538
POLY 1.5	P=0.410	P=0.709N	P=0.501
POLY 6	P=0.577	P=0.635N	P=0.636
COCH-ARM / FISHERS	P=0.402	P=0.752N	P=0.500
MAX-ISO-POLY-3	P=0.539	P=0.496	P=0.398
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
<hr/>			
Liver			
Lymphoma Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	3/60 (5%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	3/12.22	1/9.95	1/13.24
POLY-3 PERCENT (g)	24.6%	10.1%	7.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	168	737	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.201N	P=0.256N	P=0.195N
POLY 1.5	P=0.264N	P=0.277N	P=0.256N
POLY 6	P=0.104N	P=0.244N	P=0.120N
COCH-ARM / FISHERS	P=0.312N	P=0.309N	P=0.309N
MAX-ISO-POLY-3	P=0.141N	P=0.197N	P=0.116N
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Lung			
Leukemia Lymphoblastic			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	1/10.21	1/10.11	2/14.61
POLY-3 PERCENT (g)	9.8%	9.9%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	558	533	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.455	P=0.670N	P=0.538
POLY 1.5	P=0.410	P=0.709N	P=0.501
POLY 6	P=0.577	P=0.635N	P=0.636
COCH-ARM / FISHERS	P=0.402	P=0.752N	P=0.500
MAX-ISO-POLY-3	P=0.539	P=0.496	P=0.398
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

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Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Lung			
Lymphoma Lympho-immunoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	2/60 (3%)	5/60 (8%)	3/60 (5%)
POLY-3 RATE (b)	2/11.18	5/12.72	3/15.19
POLY-3 PERCENT (g)	17.9%	39.3%	19.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368	681	490
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.447N	P=0.197	P=0.571
POLY 1.5	P=0.573N	P=0.203	P=0.513
POLY 6	P=0.217N	P=0.215	P=0.558N
COCH-ARM / FISHERS	P=0.588	P=0.219	P=0.500
MAX-ISO-POLY-3	P=0.387	P=0.112	P=0.455
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Lung			
Lymphoma Lymphoblastic			
TUMOR RATES			
OVERALL (a)	3/60 (5%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	3/12.22	1/9.95	1/13.24
POLY-3 PERCENT (g)	24.6%	10.1%	7.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	168	737	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.201N	P=0.256N	P=0.195N
POLY 1.5	P=0.264N	P=0.277N	P=0.256N
POLY 6	P=0.104N	P=0.244N	P=0.120N
COCH-ARM / FISHERS	P=0.312N	P=0.309N	P=0.309N
MAX-ISO-POLY-3	P=0.141N	P=0.197N	P=0.116N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Lymph Node			
Leukemia Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	1/10.21	1/10.11	2/14.61
POLY-3 PERCENT (g)	9.8%	9.9%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	558	533	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.455	P=0.670N	P=0.538
POLY 1.5	P=0.410	P=0.709N	P=0.501
POLY 6	P=0.577	P=0.635N	P=0.636
COCH-ARM / FISHERS	P=0.402	P=0.752N	P=0.500
MAX-ISO-POLY-3	P=0.539	P=0.496	P=0.398
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Lymph Node			
Lymphoma Lympho-immunoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	1/10.29	0/9.21	2/14.54
POLY-3 PERCENT (g)	9.7%	0%	13.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368	---	490
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.317	P=0.358N	P=0.533
POLY 1.5	P=0.296	P=0.418N	P=0.498
POLY 6	P=0.407	P=0.282N	P=0.632
COCH-ARM / FISHERS	P=0.304	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.351	P=0.176N	P=0.394
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Lymph Node			
Lymphoma Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	3/60 (5%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	3/12.22	1/9.95	1/13.24
POLY-3 PERCENT (g)	24.6%	10.1%	7.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	168	737	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.201N	P=0.256N	P=0.195N
POLY 1.5	P=0.264N	P=0.277N	P=0.256N
POLY 6	P=0.104N	P=0.244N	P=0.120N
COCH-ARM / FISHERS	P=0.312N	P=0.309N	P=0.309N
MAX-ISO-POLY-3	P=0.141N	P=0.197N	P=0.116N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Mammary Gland Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	1/10.27	1/9.83	1/13.52
POLY-3 PERCENT (g)	9.7%	10.2%	7.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	413	838	823
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Mammary Gland Fibroadenoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/9.32	0/9.21	0/12.87
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Mammary Gland Fibroma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	2/60 (3%)	3/60 (5%)
POLY-3 RATE (b)	1/9.51	2/10.79	3/13.94
POLY-3 PERCENT (g)	10.5%	18.5%	21.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	663	851
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.338	P=0.448	P=0.338
POLY 1.5	P=0.283	P=0.465	P=0.303
POLY 6	P=0.498	P=0.446	P=0.443
COCH-ARM / FISHERS	P=0.271	P=0.500	P=0.309
MAX-ISO-POLY-3	P=0.379	P=0.307	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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Mammary Gland			
Fibroma, Fibroadenoma or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	2/60 (3%)	3/60 (5%)
POLY-3 RATE (b)	1/9.51	2/10.79	3/13.94
POLY-3 PERCENT (g)	10.5%	18.5%	21.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	663	851
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.338	P=0.448	P=0.338
POLY 1.5	P=0.283	P=0.465	P=0.303
POLY 6	P=0.498	P=0.446	P=0.443
COCH-ARM / FISHERS	P=0.271	P=0.500	P=0.309
MAX-ISO-POLY-3	P=0.379	P=0.307	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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Mammary Gland			
Fibroma, Fibroadenoma, Carcinoma, or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	3/60 (5%)	4/60 (7%)
POLY-3 RATE (b)	2/10.46	3/11.42	4/14.59
POLY-3 PERCENT (g)	19.1%	26.3%	27.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	413	663	823
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.396	P=0.463	P=0.394
POLY 1.5	P=0.324	P=0.472	P=0.342
POLY 6	P=0.597	P=0.478	P=0.541
COCH-ARM / FISHERS	P=0.307	P=0.500	P=0.340
MAX-ISO-POLY-3	P=0.454	P=0.338	P=0.329
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Nose			
Leukemia Lymphoblastic			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	1/10.21	1/10.11	2/14.61
POLY-3 PERCENT (g)	9.8%	9.9%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	558	533	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.455	P=0.670N	P=0.538
POLY 1.5	P=0.410	P=0.709N	P=0.501
POLY 6	P=0.577	P=0.635N	P=0.636
COCH-ARM / FISHERS	P=0.402	P=0.752N	P=0.500
MAX-ISO-POLY-3	P=0.539	P=0.496	P=0.398
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)			
Papilloma Squamous or Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/9.32	0/9.21	0/12.87
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	0/9.32	1/9.80	2/14.31
POLY-3 PERCENT (g)	0%	10.2%	14%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	863	685
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.232	P=0.383	P=0.237
POLY 1.5	P=0.199	P=0.432	P=0.224
POLY 6	P=0.348	P=0.334	P=0.299
COCH-ARM / FISHERS	P=0.196	P=0.500	P=0.248
MAX-ISO-POLY-3	P=0.229	P=0.161	P=0.162
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva) Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	0/9.32	1/9.80	2/14.31
POLY-3 PERCENT (g)	0%	10.2%	14%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	863	685
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.232	P=0.383	P=0.237
POLY 1.5	P=0.199	P=0.432	P=0.224
POLY 6	P=0.348	P=0.334	P=0.299
COCH-ARM / FISHERS	P=0.196	P=0.500	P=0.248
MAX-ISO-POLY-3	P=0.229	P=0.161	P=0.162
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
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 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Oral Mucosa			
Leukemia Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	0/9.32	0/9.21	2/14.61
POLY-3 PERCENT (g)	0%	0%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.093	(e)	P=0.243
POLY 1.5	P=0.086	(e)	P=0.227
POLY 6	P=0.130	(e)	P=0.307
COCH-ARM / FISHERS	P=0.093	(e)	P=0.248
MAX-ISO-POLY-3	P=0.174	(e)	P=0.167
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Oral Mucosa			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	0/9.32	1/9.80	2/14.31
POLY-3 PERCENT (g)	0%	10.2%	14%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	863	685
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.232	P=0.383	P=0.237
POLY 1.5	P=0.199	P=0.432	P=0.224
POLY 6	P=0.348	P=0.334	P=0.299
COCH-ARM / FISHERS	P=0.196	P=0.500	P=0.248
MAX-ISO-POLY-3	P=0.229	P=0.161	P=0.162
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Pancreas			
Adenoma			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/9.32	0/9.21	0/12.87
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Pancreas			
Carcinoma or Adenoma			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/9.32	0/9.21	1/13.48
POLY-3 PERCENT (g)	0%	0%	7.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	850
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Pancreas			
Leukemia Lymphoblastic			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	0/9.32	1/10.11	2/14.61
POLY-3 PERCENT (g)	0%	9.9%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	533	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.238	P=0.390	P=0.243
POLY 1.5	P=0.202	P=0.435	P=0.227
POLY 6	P=0.355	P=0.347	P=0.307
COCH-ARM / FISHERS	P=0.196	P=0.500	P=0.248
MAX-ISO-POLY-3	P=0.236	P=0.169	P=0.167
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Peritoneum			
Leukemia Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	1/10.21	1/10.11	2/14.61
POLY-3 PERCENT (g)	9.8%	9.9%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	558	533	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.455	P=0.670N	P=0.538
POLY 1.5	P=0.410	P=0.709N	P=0.501
POLY 6	P=0.577	P=0.635N	P=0.636
COCH-ARM / FISHERS	P=0.402	P=0.752N	P=0.500
MAX-ISO-POLY-3	P=0.539	P=0.496	P=0.398
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Peritoneum			
Lipoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/9.32	0/9.21	0/12.87
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Pharynx			
Leukemia Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	0/9.32	0/9.21	2/14.61
POLY-3 PERCENT (g)	0%	0%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.093	(e)	P=0.243
POLY 1.5	P=0.086	(e)	P=0.227
POLY 6	P=0.130	(e)	P=0.307
COCH-ARM / FISHERS	P=0.093	(e)	P=0.248
MAX-ISO-POLY-3	P=0.174	(e)	P=0.167
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg

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

TUMOR RATES

OVERALL (a)	11/60 (18%)	9/59 (15%)	10/60 (17%)
POLY-3 RATE (b)	11/18.84	9/16.24	10/19.29
POLY-3 PERCENT (g)	58.4%	55.4%	51.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	228	436	426
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.370N	P=0.439N	P=0.378N
POLY 1.5	P=0.471N	P=0.424N	P=0.461N
POLY 6	P=0.211N	P=0.523N	P=0.265N
COCH-ARM / FISHERS	P=0.518N	P=0.420N	P=0.500N
MAX-ISO-POLY-3	P=0.419N	P=0.413N	P=0.307N
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Prostate			
Leukemia Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	0/9.32	1/10.11	2/14.61
POLY-3 PERCENT (g)	0%	9.9%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	533	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.238	P=0.390	P=0.243
POLY 1.5	P=0.202	P=0.435	P=0.227
POLY 6	P=0.355	P=0.347	P=0.307
COCH-ARM / FISHERS	P=0.196	P=0.500	P=0.248
MAX-ISO-POLY-3	P=0.236	P=0.169	P=0.167
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Skin			
Dermatofibroma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/9.32	0/9.21	0/12.87
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Spleen			
Lymphoma Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	3/60 (5%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	3/12.22	1/9.95	1/13.24
POLY-3 PERCENT (g)	24.6%	10.1%	7.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	168	737	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.201N	P=0.256N	P=0.195N
POLY 1.5	P=0.264N	P=0.277N	P=0.256N
POLY 6	P=0.104N	P=0.244N	P=0.120N
COCH-ARM / FISHERS	P=0.312N	P=0.309N	P=0.309N
MAX-ISO-POLY-3	P=0.141N	P=0.197N	P=0.116N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Stomach, Forestomach Squamous Cell Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/9.32	0/9.21	0/12.87
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Testes			
Adenoma			
TUMOR RATES			
OVERALL (a)	3/59 (5%)	5/60 (8%)	11/60 (18%)
POLY-3 RATE (b)	3/10.92	5/13.41	11/19.52
POLY-3 PERCENT (g)	27.5%	37.3%	56.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	723	393	618
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.027*	P=0.389	P=0.050*
POLY 1.5	P=0.013*	P=0.367	P=0.025*
POLY 6	P=0.135	P=0.460	P=0.190
COCH-ARM / FISHERS	P=0.013*	P=0.368	P=0.023*
MAX-ISO-POLY-3	P=0.074	P=0.297	P=0.078
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Thymus			
Leukemia Lymphoblastic			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	1/10.21	1/10.11	2/14.61
POLY-3 PERCENT (g)	9.8%	9.9%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	558	533	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.455	P=0.670N	P=0.538
POLY 1.5	P=0.410	P=0.709N	P=0.501
POLY 6	P=0.577	P=0.635N	P=0.636
COCH-ARM / FISHERS	P=0.402	P=0.752N	P=0.500
MAX-ISO-POLY-3	P=0.539	P=0.496	P=0.398
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Thymus			
Lymphoma Lympho-immunoblastic			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	1/10.29	0/9.21	2/14.54
POLY-3 PERCENT (g)	9.7%	0%	13.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	368	---	490
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.317	P=0.358N	P=0.533
POLY 1.5	P=0.296	P=0.418N	P=0.498
POLY 6	P=0.407	P=0.282N	P=0.632
COCH-ARM / FISHERS	P=0.304	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.351	P=0.176N	P=0.394
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Thymus			
Lymphoma Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	2/60 (3%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	2/11.29	1/9.95	1/13.24
POLY-3 PERCENT (g)	17.7%	10.1%	7.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	168	737	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.349N	P=0.425N	P=0.358N
POLY 1.5	P=0.424N	P=0.457N	P=0.436N
POLY 6	P=0.220N	P=0.400N	P=0.253N
COCH-ARM / FISHERS	P=0.480N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.309N	P=0.309N	P=0.232N
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg

Thyroid Gland: C-Cell
Adenoma

TUMOR RATES

OVERALL (a)	4/60 (7%)	2/60 (3%)	1/60 (2%)
POLY-3 RATE (b)	4/12.67	2/11.08	1/13.62
POLY-3 PERCENT (g)	31.6%	18.1%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	461	354	738
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.099N	P=0.269N	P=0.100N
POLY 1.5	P=0.142N	P=0.293N	P=0.142N
POLY 6	P=0.042N*	P=0.274N	P=0.054N
COCH-ARM / FISHERS	P=0.172N	P=0.340N	P=0.182N
MAX-ISO-POLY-3	P=0.065N	P=0.218N	P=0.051N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Thyroid Gland: C-Cell Carcinoma or Adenoma			
TUMOR RATES			
OVERALL (a)	4/60 (7%)	2/60 (3%)	2/60 (3%)
POLY-3 RATE (b)	4/12.67	2/11.08	2/14.15
POLY-3 PERCENT (g)	31.6%	18.1%	14.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	461	354	738
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.240N	P=0.269N	P=0.222N
POLY 1.5	P=0.310N	P=0.293N	P=0.289N
POLY 6	P=0.126N	P=0.274N	P=0.139N
COCH-ARM / FISHERS	P=0.348N	P=0.340N	P=0.340N
MAX-ISO-POLY-3	P=0.176N	P=0.218N	P=0.135N
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Thyroid Gland: Follicular Cell Adenoma			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/9.32	0/9.21	0/12.87
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Tissue NOS			
Leukemia Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	1/10.21	1/10.11	2/14.61
POLY-3 PERCENT (g)	9.8%	9.9%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	558	533	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.455	P=0.670N	P=0.538
POLY 1.5	P=0.410	P=0.709N	P=0.501
POLY 6	P=0.577	P=0.635N	P=0.636
COCH-ARM / FISHERS	P=0.402	P=0.752N	P=0.500
MAX-ISO-POLY-3	P=0.539	P=0.496	P=0.398
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
<hr/>			
Trachea			
Leukemia Lymphoblastic			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	0/9.32	0/9.21	2/14.61
POLY-3 PERCENT (g)	0%	0%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	562
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.093	(e)	P=0.243
POLY 1.5	P=0.086	(e)	P=0.227
POLY 6	P=0.130	(e)	P=0.307
COCH-ARM / FISHERS	P=0.093	(e)	P=0.248
MAX-ISO-POLY-3	P=0.174	(e)	P=0.167
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
Zymbal's Gland			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	2/9.90	1/9.87	2/14.06
POLY-3 PERCENT (g)	20.2%	10.1%	14.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	985	812	851
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.600N	P=0.401N	P=0.543N
POLY 1.5	P=0.591	P=0.445N	P=0.638N
POLY 6	P=0.410N	P=0.344N	P=0.370N
COCH-ARM / FISHERS	P=0.588	P=0.500N	P=0.691N
MAX-ISO-POLY-3	P=0.441N	P=0.255N	P=0.365N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
All Organs			
Hemangioma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	1/10.09	2/11.00	0/12.87
POLY-3 PERCENT (g)	9.9%	18.2%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	716	354	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.185N	P=0.473	P=0.336N
POLY 1.5	P=0.250N	P=0.482	P=0.417N
POLY 6	P=0.099N	P=0.485	P=0.247N
COCH-ARM / FISHERS	P=0.304N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.194N	P=0.293	P=0.150N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl-Tertiary-Butyl Ether

CAS Number: 1634-04-4

Date Report Requested: 10/01/2014

Time Report Requested: 17:53:59

First Dose M/F: 09/28/88 / 09/28/88

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
All Organs			
Histiocytic Sarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	2/60 (3%)	1/60 (2%)
POLY-3 RATE (b)	2/10.98	2/10.67	1/13.26
POLY-3 PERCENT (g)	18.2%	18.7%	7.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	614	696	989
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.295N	P=0.627N	P=0.369N
POLY 1.5	P=0.365N	P=0.653N	P=0.440N
POLY 6	P=0.188N	P=0.624N	P=0.276N
COCH-ARM / FISHERS	P=0.412N	P=0.691N	P=0.500N
MAX-ISO-POLY-3	P=0.322N	P=0.486	P=0.227N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
All Organs			
Osteosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	3/60 (5%)	2/60 (3%)	1/60 (2%)
POLY-3 RATE (b)	3/12.02	2/11.03	1/13.72
POLY-3 PERCENT (g)	25%	18.1%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	506	465	624
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.174N	P=0.429N	P=0.196N
POLY 1.5	P=0.232N	P=0.455N	P=0.256N
POLY 6	P=0.088N	P=0.427N	P=0.122N
COCH-ARM / FISHERS	P=0.271N	P=0.500N	P=0.309N
MAX-ISO-POLY-3	P=0.157N	P=0.339N	P=0.112N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
All Organs			
Osteosarcoma or Osteoma			
TUMOR RATES	#	#	#
OVERALL (a)	3/60 (5%)	2/60 (3%)	1/60 (2%)
POLY-3 RATE (b)	3/12.02	2/11.03	1/13.72
POLY-3 PERCENT (g)	25%	18.1%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	506	465	624
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.174N	P=0.429N	P=0.196N
POLY 1.5	P=0.232N	P=0.455N	P=0.256N
POLY 6	P=0.088N	P=0.427N	P=0.122N
COCH-ARM / FISHERS	P=0.271N	P=0.500N	P=0.309N
MAX-ISO-POLY-3	P=0.157N	P=0.339N	P=0.112N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
All Organs			
Benign Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	26/60 (43%)	28/60 (47%)	34/60 (57%)
POLY-3 RATE (b)	26/29.79	28/31.78	34/35.77
POLY-3 PERCENT (g)	87.3%	88.1%	95.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	228	354	426
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.025*	P=0.599	P=0.041*
POLY 1.5	P=0.025*	P=0.475	P=0.035*
POLY 6	P=0.171	P=0.774N	P=0.357
COCH-ARM / FISHERS	P=0.082	P=0.427	P=0.101
MAX-ISO-POLY-3	P=0.041*	P=0.426	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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
All Organs			
Malignant Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	26/60 (43%)	23/60 (38%)	20/60 (33%)
POLY-3 RATE (b)	26/31.66	23/27.35	20/26.02
POLY-3 PERCENT (g)	82.1%	84.1%	76.9%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	168	214	411
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.242N	P=0.508	P=0.328N
POLY 1.5	P=0.267N	P=0.582N	P=0.313N
POLY 6	P=0.099N	P=0.517	P=0.224N
COCH-ARM / FISHERS	P=0.172N	P=0.355N	P=0.174N
MAX-ISO-POLY-3	P=0.270N	P=0.372	P=0.245N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 167 WEEKS**

DOSE	Males		
	0 mg/kg	250 mg/kg	1000 mg/kg
All Organs			
Malignant and Benign Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	45/60 (75%)	38/60 (63%)	38/60 (63%)
POLY-3 RATE (b)	45/47.17	38/40.00	38/39.03
POLY-3 PERCENT (g)	95.4%	95%	97.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	168	214	411
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.267	P=0.681N	P=0.390
POLY 1.5	P=0.514	P=0.362N	P=0.631
POLY 6	P=0.368	P=0.905	P=0.636
COCH-ARM / FISHERS	P=0.171N	P=0.118N	P=0.118N
MAX-ISO-POLY-3	P=0.210	P=0.428N	P=0.163
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Adrenal Cortex			
Adenoma			
TUMOR RATES			
OVERALL (a)	5/60 (8%)	6/60 (10%)	3/60 (5%)
POLY-3 RATE (b)	5/21.80	6/19.37	3/15.35
POLY-3 PERCENT (g)	22.9%	31%	19.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	685	449	616
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.464N	P=0.353	P=0.551N
POLY 1.5	P=0.410N	P=0.386	P=0.501N
POLY 6	P=0.467N	P=0.360	P=0.563N
COCH-ARM / FISHERS	P=0.265N	P=0.500	P=0.359N
MAX-ISO-POLY-3	P=0.454N	P=0.278	P=0.411N
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Adrenal Cortex Carcinoma			
TUMOR RATES			
OVERALL (a)	3/60 (5%)	4/60 (7%)	0/60 (0%)
POLY-3 RATE (b)	3/20.92	4/17.46	0/13.41
POLY-3 PERCENT (g)	14.3%	22.9%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	685	616	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.168N	P=0.350	P=0.193N
POLY 1.5	P=0.137N	P=0.395	P=0.171N
POLY 6	P=0.188N	P=0.314	P=0.204N
COCH-ARM / FISHERS	P=0.081N	P=0.500	P=0.122N
MAX-ISO-POLY-3	P=0.146N	P=0.256	P=0.116N
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Adrenal Cortex			
Leukemia Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/19.00	0/15.99	1/13.78
POLY-3 PERCENT (g)	0%	0%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	879
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Adrenal Medulla			
Leukemia Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/19.00	0/15.99	1/13.78
POLY-3 PERCENT (g)	0%	0%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	879
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Adrenal Medulla			
Pheochromocytoma Benign			
TUMOR RATES			
OVERALL (a)	18/60 (30%)	12/60 (20%)	10/60 (17%)
POLY-3 RATE (b)	18/29.75	12/22.76	10/19.44
POLY-3 PERCENT (g)	60.5%	52.7%	51.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	570	451	489
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.308N	P=0.356N	P=0.337N
POLY 1.5	P=0.216N	P=0.281N	P=0.223N
POLY 6	P=0.390N	P=0.401N	P=0.446N
COCH-ARM / FISHERS	P=0.082N	P=0.146N	P=0.065N
MAX-ISO-POLY-3	P=0.374N	P=0.273N	P=0.267N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Adrenal Medulla			
Pheochromocytoma Malignant			
TUMOR RATES			
OVERALL (a)	2/60 (3%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	2/20.57	0/15.99	0/13.41
POLY-3 PERCENT (g)	9.7%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	599	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.214N	P=0.298N	P=0.316N
POLY 1.5	P=0.216N	P=0.280N	P=0.296N
POLY 6	P=0.202N	P=0.316N	P=0.318N
COCH-ARM / FISHERS	P=0.222N	P=0.248N	P=0.248N
MAX-ISO-POLY-3	P=0.173N	P=0.126N	P=0.168N
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Adrenal Medulla			
Pheochromocytoma: Benign, Complex, Malignant, NOS			
TUMOR RATES			
OVERALL (a)	20/60 (33%)	12/60 (20%)	10/60 (17%)
POLY-3 RATE (b)	20/31.32	12/22.76	10/19.44
POLY-3 PERCENT (g)	63.9%	52.7%	51.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	570	451	489
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.213N	P=0.248N	P=0.238N
POLY 1.5	P=0.133N	P=0.174N	P=0.135N
POLY 6	P=0.304N	P=0.316N	P=0.361N
COCH-ARM / FISHERS	P=0.044N*	P=0.074N	P=0.028N*
MAX-ISO-POLY-3	P=0.278N	P=0.193N	P=0.196N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Bone, Cranium			
Osteosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	1/19.51	0/15.99	1/14.26
POLY-3 PERCENT (g)	5.1%	0%	7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	807	---	546
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Brain			
Leukemia Lymphoblastic			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/57 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/19.00	0/14.67	1/13.78
POLY-3 PERCENT (g)	0%	0%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	879
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Brain			
Oligodendroglioma Malignant			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	0/57 (0%)	0/60 (0%)
POLY-3 RATE (b)	1/19.96	0/14.67	0/13.41
POLY-3 PERCENT (g)	5%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	337	---	---
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Ear			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	4/60 (7%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	4/21.30	0/15.99	0/13.41
POLY-3 PERCENT (g)	18.8%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	456	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.061N	P=0.101N	P=0.120N
POLY 1.5	P=0.061N	P=0.089N	P=0.102N
POLY 6	P=0.056N	P=0.115N	P=0.127N
COCH-ARM / FISHERS	P=0.062N	P=0.059N	P=0.059N
MAX-ISO-POLY-3	P=0.069N	P=0.049N*	P=0.082N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Harderian Gland			
Leukemia Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/19.00	0/15.99	1/13.78
POLY-3 PERCENT (g)	0%	0%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	879
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
<hr/>			
Islets, Pancreatic Adenoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	2/59 (3%)	3/60 (5%)
POLY-3 RATE (b)	1/19.71	2/16.54	3/14.86
POLY-3 PERCENT (g)	5.1%	12.1%	20.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	675	692	793
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.155	P=0.404	P=0.186
POLY 1.5	P=0.182	P=0.428	P=0.214
POLY 6	P=0.164	P=0.398	P=0.190
COCH-ARM / FISHERS	P=0.273	P=0.494	P=0.309
MAX-ISO-POLY-3	P=0.156	P=0.238	P=0.108
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
<hr/>			
Islets, Pancreatic			
Leukemia Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/59 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/19.00	0/15.77	0/13.41
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Kidney: Renal Tubule Adenoma			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/59 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/19.00	0/15.19	0/13.41
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Kidney: Renal Tubule			
Leukemia Lymphoblastic			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/59 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/19.00	0/15.19	1/13.78
POLY-3 PERCENT (g)	0%	0%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	879
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg

Kidney: Renal Tubule
Lymphoma Lymphoblastic

TUMOR RATES

OVERALL (a)	0/60 (0%)	0/59 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/19.00	0/15.19	1/14.13
POLY-3 PERCENT (g)	0%	0%	7.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	673
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
<hr/>			
Larynx			
Leukemia Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/59 (0%)	0/59 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/18.91	0/15.77	0/13.41
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
<hr/>			
Liver			
Hepatocellular Carcinoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/19.00	0/15.99	0/13.41
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Liver			
Leukemia Lymphoblastic			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	0/19.00	1/16.84	1/13.78
POLY-3 PERCENT (g)	0%	5.9%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	538	879
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Liver			
Lymphoma Lymphoblastic			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	1/19.96	0/15.99	2/14.57
POLY-3 PERCENT (g)	5%	0%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	337	---	673
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.232	P=0.541N	P=0.370
POLY 1.5	P=0.251	P=0.533N	P=0.401
POLY 6	P=0.234	P=0.545N	P=0.375
COCH-ARM / FISHERS	P=0.304	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.169	P=0.208N	P=0.217
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
<hr/>			
Lung			
Leukemia Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/59 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/19.00	0/15.77	1/13.78
POLY-3 PERCENT (g)	0%	0%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	879
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Lung			
Lymphoma Lympho-immunoblastic			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	5/59 (8%)	8/60 (13%)
POLY-3 RATE (b)	1/19.75	5/18.73	8/19.06
POLY-3 PERCENT (g)	5.1%	26.7%	42%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	643	510	399
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.006**	P=0.056	P=0.004**
POLY 1.5	P=0.008**	P=0.064	P=0.006**
POLY 6	P=0.013*	P=0.063	P=0.006**
COCH-ARM / FISHERS	P=0.024*	P=0.100	P=0.016*
MAX-ISO-POLY-3	P=0.003**	P=0.028*	P=0.002**
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Lung			
Lymphoma Lymphoblastic			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/59 (0%)	2/60 (3%)
POLY-3 RATE (b)	0/19.00	0/15.77	2/15.00
POLY-3 PERCENT (g)	0%	0%	13.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	514
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.063	(e)	P=0.166
POLY 1.5	P=0.070	(e)	P=0.182
POLY 6	P=0.065	(e)	P=0.168
COCH-ARM / FISHERS	P=0.094	(e)	P=0.248
MAX-ISO-POLY-3	P=0.052	(e)	P=0.068
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Lymph Node			
Leukemia Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/19.00	0/15.99	1/13.78
POLY-3 PERCENT (g)	0%	0%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	879
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Lymph Node			
Lymphoma Lympho-immunoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	1/60 (2%)	5/60 (8%)
POLY-3 RATE (b)	1/19.75	1/16.64	5/17.09
POLY-3 PERCENT (g)	5.1%	6%	29.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	643	720	505
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.018*	P=0.702	P=0.049*
POLY 1.5	P=0.021*	P=0.717	P=0.057
POLY 6	P=0.023*	P=0.706	P=0.059
COCH-ARM / FISHERS	P=0.038*	P=0.752N	P=0.103
MAX-ISO-POLY-3	P=0.022*	P=0.453	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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Lymph Node			
Lymphoma Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	1/19.96	0/15.99	2/15.00
POLY-3 PERCENT (g)	5%	0%	13.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	337	---	514
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.239	P=0.541N	P=0.379
POLY 1.5	P=0.254	P=0.533N	P=0.406
POLY 6	P=0.244	P=0.545N	P=0.389
COCH-ARM / FISHERS	P=0.304	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.172	P=0.208N	P=0.221
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Mammary Gland Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	4/60 (7%)	6/60 (10%)	3/60 (5%)
POLY-3 RATE (b)	4/21.41	6/19.74	3/15.24
POLY-3 PERCENT (g)	18.7%	30.4%	19.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	616	616	262
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.581N	P=0.251	P=0.627
POLY 1.5	P=0.516N	P=0.270	P=0.635N
POLY 6	P=0.601N	P=0.302	P=0.644
COCH-ARM / FISHERS	P=0.357N	P=0.372	P=0.500N
MAX-ISO-POLY-3	P=0.455	P=0.184	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)		

Experiment Number: 00117 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Mammary Gland Fibroadenoma			
TUMOR RATES	#	#	#
OVERALL (a)	25/60 (42%)	18/60 (30%)	13/60 (22%)
POLY-3 RATE (b)	25/33.36	18/26.40	13/21.64
POLY-3 PERCENT (g)	74.9%	68.2%	60.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	546	449	474
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.108N	P=0.339N	P=0.129N
POLY 1.5	P=0.071N	P=0.260N	P=0.076N
POLY 6	P=0.132N	P=0.453N	P=0.181N
COCH-ARM / FISHERS	P=0.019N*	P=0.127N	P=0.015N*
MAX-ISO-POLY-3	P=0.151N	P=0.244N	P=0.106N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Mammary Gland Fibroma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	3/60 (5%)	1/60 (2%)
POLY-3 RATE (b)	0/19.00	3/17.53	1/14.19
POLY-3 PERCENT (g)	0%	17.1%	7.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	692	617
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.466	P=0.080	P=0.411
POLY 1.5	P=0.502	P=0.089	P=0.437
POLY 6	P=0.504	P=0.081	P=0.398
COCH-ARM / FISHERS	P=0.636	P=0.122	P=0.500
MAX-ISO-POLY-3	P=0.172	P=0.031*	P=0.153
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Mammary Gland			
Fibroma, Fibroadenoma or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	25/60 (42%)	20/60 (33%)	14/60 (23%)
POLY-3 RATE (b)	25/33.36	20/27.70	14/22.42
POLY-3 PERCENT (g)	74.9%	72.2%	62.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	546	449	474
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.143N	P=0.515N	P=0.177N
POLY 1.5	P=0.097N	P=0.421N	P=0.114N
POLY 6	P=0.163N	P=0.601N	P=0.223N
COCH-ARM / FISHERS	P=0.026N*	P=0.225N	P=0.025N*
MAX-ISO-POLY-3	P=0.193N	P=0.380N	P=0.138N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Mammary Gland			
Fibroma, Fibroadenoma, Carcinoma, or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	27/60 (45%)	22/60 (37%)	16/60 (27%)
POLY-3 RATE (b)	27/34.89	22/28.73	16/23.88
POLY-3 PERCENT (g)	77.4%	76.6%	67%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	546	449	262
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.167N	P=0.609N	P=0.214N
POLY 1.5	P=0.106N	P=0.472N	P=0.130N
POLY 6	P=0.210N	P=0.730N	P=0.290N
COCH-ARM / FISHERS	P=0.029N*	P=0.229N	P=0.028N*
MAX-ISO-POLY-3	P=0.221N	P=0.460N	P=0.162N
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

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Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
<hr/>			
Nose			
Leukemia Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/59 (0%)	0/58 (0%)
POLY-3 RATE (b)	0/19.00	0/15.68	0/12.83
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 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 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)			
Papilloma Squamous or Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	2/20.43	0/15.99	1/14.26
POLY-3 PERCENT (g)	9.8%	0%	7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	675	---	541
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.582N	P=0.296N	P=0.608N
POLY 1.5	P=0.579N	P=0.279N	P=0.583N
POLY 6	P=0.574N	P=0.314N	P=0.613N
COCH-ARM / FISHERS	P=0.568N	P=0.248N	P=0.500N
MAX-ISO-POLY-3	P=0.348N	P=0.124N	P=0.402N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	2/60 (3%)	1/60 (2%)
POLY-3 RATE (b)	1/19.65	2/16.76	1/14.31
POLY-3 PERCENT (g)	5.1%	11.9%	7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	723	794	474
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.613	P=0.410	P=0.670
POLY 1.5	P=0.645	P=0.434	P=0.695
POLY 6	P=0.620	P=0.409	P=0.668
COCH-ARM / FISHERS	P=0.598N	P=0.500	P=0.752N
MAX-ISO-POLY-3	P=0.464	P=0.241	P=0.419
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva) Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	3/60 (5%)	2/60 (3%)	2/60 (3%)
POLY-3 RATE (b)	3/21.08	2/16.76	2/15.16
POLY-3 PERCENT (g)	14.2%	11.9%	13.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	675	794	474
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.591N	P=0.631N	P=0.641N
POLY 1.5	P=0.563N	P=0.590N	P=0.607N
POLY 6	P=0.596N	P=0.675N	P=0.653N
COCH-ARM / FISHERS	P=0.485N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.604N	P=0.422N	P=0.468N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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Date Report Requested: 10/01/2014
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 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Oral Mucosa			
Leukemia Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/19.00	0/15.99	0/13.41
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 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 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Oral Mucosa			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	1/19.65	2/16.76	0/13.41
POLY-3 PERCENT (g)	5.1%	11.9%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	723	794	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.401N	P=0.410	P=0.543N
POLY 1.5	P=0.376N	P=0.434	P=0.538N
POLY 6	P=0.402N	P=0.409	P=0.526N
COCH-ARM / FISHERS	P=0.304N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.292N	P=0.241	P=0.244N
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
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Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
<hr/>			
Ovary			
Granulosa Cell Tumor Benign			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	3/60 (5%)	1/60 (2%)
POLY-3 RATE (b)	0/19.00	3/17.08	1/13.87
POLY-3 PERCENT (g)	0%	17.6%	7.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	748	834
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.454	P=0.082	P=0.407
POLY 1.5	P=0.497	P=0.091	P=0.435
POLY 6	P=0.481	P=0.086	P=0.391
COCH-ARM / FISHERS	P=0.636	P=0.122	P=0.500
MAX-ISO-POLY-3	P=0.171	P=0.031*	P=0.153
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 - 69
Test Type: CHRONIC-LIFETIME
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Species/Strain: RATS/SD

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Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Pancreas			
Adenoma			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	2/59 (3%)	1/60 (2%)
POLY-3 RATE (b)	1/19.80	2/16.90	1/14.30
POLY-3 PERCENT (g)	5.1%	11.8%	7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	599	762	489
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.610	P=0.411	P=0.668
POLY 1.5	P=0.644	P=0.430	P=0.694
POLY 6	P=0.616	P=0.423	P=0.665
COCH-ARM / FISHERS	P=0.596N	P=0.494	P=0.752N
MAX-ISO-POLY-3	P=0.465	P=0.241	P=0.417
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Pancreas			
Carcinoma or Adenoma			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	2/59 (3%)	1/60 (2%)
POLY-3 RATE (b)	1/19.80	2/16.90	1/14.30
POLY-3 PERCENT (g)	5.1%	11.8%	7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	599	762	489
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.610	P=0.411	P=0.668
POLY 1.5	P=0.644	P=0.430	P=0.694
POLY 6	P=0.616	P=0.423	P=0.665
COCH-ARM / FISHERS	P=0.596N	P=0.494	P=0.752N
MAX-ISO-POLY-3	P=0.465	P=0.241	P=0.417
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
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 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Pancreas			
Leukemia Lymphoblastic			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/59 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/19.00	0/15.77	1/13.78
POLY-3 PERCENT (g)	0%	0%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	879
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
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 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Peritoneum			
Leukemia Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/19.00	0/15.99	0/13.41
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 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 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Peritoneum			
Lipoma			
TUMOR RATES	#	#	#
OVERALL (a)	3/60 (5%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	3/20.96	0/15.99	0/13.41
POLY-3 PERCENT (g)	14.3%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	616	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.114N	P=0.173N	P=0.194N
POLY 1.5	P=0.114N	P=0.156N	P=0.172N
POLY 6	P=0.108N	P=0.193N	P=0.203N
COCH-ARM / FISHERS	P=0.115N	P=0.122N	P=0.122N
MAX-ISO-POLY-3	P=0.108N	P=0.079N	P=0.117N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Pharynx			
Leukemia Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/19.00	0/15.99	1/13.78
POLY-3 PERCENT (g)	0%	0%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	879
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl-Tertiary-Butyl Ether
CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
Time Report Requested: 17:53:59
First Dose M/F: 09/28/88 / 09/28/88
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg

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

TUMOR RATES

OVERALL (a)	22/60 (37%)	16/56 (29%)	13/58 (22%)
POLY-3 RATE (b)	22/32.99	16/25.65	13/21.31
POLY-3 PERCENT (g)	66.7%	62.4%	61%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	533	260	399
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.380N	P=0.562N	P=0.423N
POLY 1.5	P=0.246N	P=0.459N	P=0.270N
POLY 6	P=0.512N	P=0.619N	P=0.583N
COCH-ARM / FISHERS	P=0.073N	P=0.233N	P=0.067N
MAX-ISO-POLY-3	P=0.461N	P=0.350N	P=0.330N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Skin			
Dermatofibroma			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	1/60 (2%)	0/60 (0%)
POLY-3 RATE (b)	2/19.94	1/16.64	0/13.41
POLY-3 PERCENT (g)	10%	6%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	807	720	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.235N	P=0.577N	P=0.308N
POLY 1.5	P=0.226N	P=0.559N	P=0.291N
POLY 6	P=0.230N	P=0.586N	P=0.304N
COCH-ARM / FISHERS	P=0.196N	P=0.500N	P=0.248N
MAX-ISO-POLY-3	P=0.228N	P=0.340N	P=0.160N
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 - 69
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Spleen			
Lymphoma Lymphoblastic			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	0/59 (0%)	2/60 (3%)
POLY-3 RATE (b)	1/19.96	0/15.77	2/14.57
POLY-3 PERCENT (g)	5%	0%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	337	---	673
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.233	P=0.545N	P=0.370
POLY 1.5	P=0.252	P=0.537N	P=0.401
POLY 6	P=0.235	P=0.546N	P=0.375
COCH-ARM / FISHERS	P=0.305	P=0.504N	P=0.500
MAX-ISO-POLY-3	P=0.171	P=0.210N	P=0.217
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 - 69
Test Type: CHRONIC-LIFETIME
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Stomach, Forestomach Squamous Cell Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	2/60 (3%)	3/60 (5%)
POLY-3 RATE (b)	1/19.80	2/17.18	3/15.53
POLY-3 PERCENT (g)	5.1%	11.6%	19.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	594	723	489
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.166	P=0.416	P=0.198
POLY 1.5	P=0.187	P=0.436	P=0.221
POLY 6	P=0.181	P=0.427	P=0.206
COCH-ARM / FISHERS	P=0.271	P=0.500	P=0.309
MAX-ISO-POLY-3	P=0.160	P=0.244	P=0.112
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 - 69
Test Type: CHRONIC-LIFETIME
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Thymus			
Leukemia Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/59 (0%)	0/59 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/18.96	0/15.77	1/13.78
POLY-3 PERCENT (g)	0%	0%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	879
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 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Thymus			
Lymphoma Lympho-immunoblastic			
TUMOR RATES			
OVERALL (a)	1/59 (2%)	1/59 (2%)	3/60 (5%)
POLY-3 RATE (b)	1/19.71	1/16.43	3/15.81
POLY-3 PERCENT (g)	5.1%	6.1%	19%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	643	720	505
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.133	P=0.699	P=0.205
POLY 1.5	P=0.147	P=0.714	P=0.225
POLY 6	P=0.145	P=0.705	P=0.219
COCH-ARM / FISHERS	P=0.205	P=0.752N	P=0.316
MAX-ISO-POLY-3	P=0.140	P=0.450	P=0.115
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 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Thymus			
Lymphoma Lymphoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/59 (0%)	0/59 (0%)	2/60 (3%)
POLY-3 RATE (b)	0/18.96	0/15.77	2/15.00
POLY-3 PERCENT (g)	0%	0%	13.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	514
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
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STATISTICAL TESTS			
POLY 3	P=0.064	(e)	P=0.167
POLY 1.5	P=0.070	(e)	P=0.183
POLY 6	P=0.065	(e)	P=0.168
COCH-ARM / FISHERS	P=0.095	(e)	P=0.252
MAX-ISO-POLY-3	P=0.052	(e)	P=0.069
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 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg

Thyroid Gland: C-Cell
Adenoma

TUMOR RATES

OVERALL (a)	6/59 (10%)	10/57 (18%)	3/60 (5%)
POLY-3 RATE (b)	6/22.92	10/22.57	3/15.59
POLY-3 PERCENT (g)	26.2%	44.3%	19.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	570	276	586
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.341N	P=0.134	P=0.442N
POLY 1.5	P=0.262N	P=0.134	P=0.381N
POLY 6	P=0.383N	P=0.186	P=0.474N
COCH-ARM / FISHERS	P=0.112N	P=0.189	P=0.237N
MAX-ISO-POLY-3	P=0.254N	P=0.077	P=0.331N
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 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg

Thyroid Gland: C-Cell
Carcinoma or Adenoma

TUMOR RATES

OVERALL (a)	6/59 (10%)	10/57 (18%)	3/60 (5%)
POLY-3 RATE (b)	6/22.92	10/22.57	3/15.59
POLY-3 PERCENT (g)	26.2%	44.3%	19.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	570	276	586
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.341N	P=0.134	P=0.442N
POLY 1.5	P=0.262N	P=0.134	P=0.381N
POLY 6	P=0.383N	P=0.186	P=0.474N
COCH-ARM / FISHERS	P=0.112N	P=0.189	P=0.237N
MAX-ISO-POLY-3	P=0.254N	P=0.077	P=0.331N
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 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg

Thyroid Gland: Follicular Cell
Adenoma

TUMOR RATES

OVERALL (a)	0/59 (0%)	0/57 (0%)	2/60 (3%)
POLY-3 RATE (b)	0/18.91	0/14.58	2/14.57
POLY-3 PERCENT (g)	0%	0%	13.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	673
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.062	(e)	P=0.162
POLY 1.5	P=0.070	(e)	P=0.181
POLY 6	P=0.061	(e)	P=0.161
COCH-ARM / FISHERS	P=0.097	(e)	P=0.252
MAX-ISO-POLY-3	P=0.053	(e)	P=0.069
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 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Tissue NOS			
Leukemia Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/19.00	0/15.99	1/13.78
POLY-3 PERCENT (g)	0%	0%	7.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	879
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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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Trachea			
Leukemia Lymphoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/19.00	0/15.99	0/13.41
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)		

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Uterus			
Granular Cell Tumor Benign			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.00	2/16.99	0/13.41
POLY-3 PERCENT (g)	0%	11.8%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	772	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.632N	P=0.184	(e)
POLY 1.5	P=0.610N	P=0.198	(e)
POLY 6	P=0.620N	P=0.185	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.302	P=0.069	(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 - 69
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Uterus			
Polyp Stromal			
TUMOR RATES	#	#	#
OVERALL (a)	13/60 (22%)	12/60 (20%)	12/60 (20%)
POLY-3 RATE (b)	13/27.48	12/22.64	12/21.96
POLY-3 PERCENT (g)	47.3%	53%	54.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	379	449	282
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.363	P=0.435	P=0.386
POLY 1.5	P=0.413	P=0.498	P=0.437
POLY 6	P=0.426	P=0.449	P=0.453
COCH-ARM / FISHERS	P=0.493N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.405	P=0.333	P=0.295
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 - 69
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 Route: GAVAGE
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Uterus			
Schwannoma Malignant			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	3/60 (5%)	0/60 (0%)
POLY-3 RATE (b)	1/19.83	3/18.07	0/13.41
POLY-3 PERCENT (g)	5%	16.6%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	565	577	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.393N	P=0.232	P=0.545N
POLY 1.5	P=0.356N	P=0.247	P=0.539N
POLY 6	P=0.400N	P=0.248	P=0.528N
COCH-ARM / FISHERS	P=0.260N	P=0.309	P=0.500N
MAX-ISO-POLY-3	P=0.252N	P=0.128	P=0.246N
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl-Tertiary-Butyl Ether
 CAS Number: 1634-04-4

Date Report Requested: 10/01/2014
 Time Report Requested: 17:53:59
 First Dose M/F: 09/28/88 / 09/28/88
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
Zymbal's Gland			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	2/20.39	0/15.99	2/14.83
POLY-3 PERCENT (g)	9.8%	0%	13.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	675	---	541
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.443	P=0.296N	P=0.562
POLY 1.5	P=0.463	P=0.279N	P=0.595
POLY 6	P=0.450	P=0.313N	P=0.571
COCH-ARM / FISHERS	P=0.520	P=0.248N	P=0.691N
MAX-ISO-POLY-3	P=0.311	P=0.124N	P=0.382
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 - 69
Test Type: CHRONIC-LIFETIME
Route: GAVAGE
Species/Strain: RATS/SD

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
All Organs			
Hemangioma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	1/60 (2%)	0/60 (0%)
POLY-3 RATE (b)	0/19.00	1/16.60	0/13.41
POLY-3 PERCENT (g)	0%	6%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	750	---
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 - 69
Test Type: CHRONIC-LIFETIME
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Species/Strain: RATS/SD

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
<hr/>			
All Organs			
Histiocytic Sarcoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/19.00	0/15.99	0/13.41
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 - 69
 Test Type: CHRONIC-LIFETIME
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
All Organs			
Osteosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	1/19.51	0/15.99	1/14.26
POLY-3 PERCENT (g)	5.1%	0%	7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	807	---	546
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 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 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
All Organs			
Osteosarcoma or Osteoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	1/19.51	0/15.99	1/14.26
POLY-3 PERCENT (g)	5.1%	0%	7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	807	---	546
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 - 69
 Test Type: CHRONIC-LIFETIME
 Route: GAVAGE
 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 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
All Organs			
Benign Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	49/60 (82%)	43/60 (72%)	40/60 (67%)
POLY-3 RATE (b)	49/50.16	43/44.43	40/41.39
POLY-3 PERCENT (g)	97.7%	96.8%	96.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	379	260	163
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.619N	P=0.771N	P=0.743N
POLY 1.5	P=0.299N	P=0.400N	P=0.322N
POLY 6	P=0.998N	P=1.000N	P=1.000N
COCH-ARM / FISHERS	P=0.062N	P=0.140N	P=0.047N*
MAX-ISO-POLY-3	P=0.373N	P=0.266N	P=0.263N
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 - 69
 Test Type: CHRONIC-LIFETIME
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 Species/Strain: RATS/SD

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
All Organs			
Malignant Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	21/60 (35%)	21/60 (35%)	17/60 (28%)
POLY-3 RATE (b)	21/32.84	21/28.66	17/25.25
POLY-3 PERCENT (g)	64%	73.3%	67.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	337	506	262
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.522	P=0.165	P=0.494
POLY 1.5	P=0.528N	P=0.261	P=0.580
POLY 6	P=0.565	P=0.142	P=0.536
COCH-ARM / FISHERS	P=0.232N	P=0.576N	P=0.278N
MAX-ISO-POLY-3	P=0.385	P=0.174	P=0.382
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 - 69
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 147 WEEKS**

DOSE	Females		
	0 mg/kg	250 mg/kg	1000 mg/kg
All Organs			
Malignant and Benign Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	52/60 (87%)	44/60 (73%)	41/60 (68%)
POLY-3 RATE (b)	52/52.87	44/45.26	41/42.37
POLY-3 PERCENT (g)	98.4%	97.2%	96.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	337	260	163
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.457N	P=0.734N	P=0.604N
POLY 1.5	P=0.154N	P=0.271N	P=0.163N
POLY 6	P=0.996N	P=1.000N	P=1.000N
COCH-ARM / FISHERS	P=0.026N*	P=0.054N	P=0.014N*
MAX-ISO-POLY-3	P=0.210N	P=0.190N	P=0.145N
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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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 ***