

Experiment Number: 00117 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
Time Report Requested: 16:58:47
First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

NTP Study Number: C00117
Lock Date: 02/03/2011
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
Heart
Islets, Pancreatic
Kidney
Larynx
Liver
Lung
Pancreas
Pituitary Gland
Salivary Glands
Spleen
Testes
Thymus
Thyroid Gland

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF ETHYL-TERT-BUTYL-ETHER (ETBE)

MALE RATS

Organ

Adrenal Cortex
Adrenal Medulla

Bone
Lung
Stomach, Forestomach
All Organs

Morphology

Adenoma
Pheochromocytoma Benign
Pheochromocytoma: Benign, Complex, Malignant, NOS
Osteosarcoma
Lymphoma Lympho-immunoblastic
Squamous Cell Carcinoma
Osteosarcoma
Osteosarcoma or Osteoma
Benign Tumors
Malignant and Benign Tumors

FEMALE RATS

Organ

Adrenal Cortex
Bone, Cranium
Lymph Node
Mammary Gland

Uterus

All Organs

Morphology

Adenoma
Osteosarcoma
Lymphoma Lympho-immunoblastic
Fibroma, Fibroadenoma or Adenoma
Fibroma, Fibroadenoma, Carcinoma, or Adenoma
Polyp Stromal
Schwannoma Malignant
Benign Tumors
Malignant Tumors

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Adrenal Cortex			
Adenoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	7/59 (12%)	0/57 (0%)
POLY-3 RATE (b)	1/19.69	7/20.55	0/11.99
POLY-3 PERCENT (g)	5.1%	34.1%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	750	259	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.421N	P=0.020*	P=0.596N
POLY 1.5	P=0.280N	P=0.021*	P=0.558N
POLY 6	P=0.486	P=0.029*	P=0.661N
COCH-ARM / FISHERS	P=0.165N	P=0.029*	P=0.513N
MAX-ISO-POLY-3	P=0.158N	P=0.008**	P=0.265N
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 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Adrenal Cortex			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	2/59 (3%)	0/57 (0%)
POLY-3 RATE (b)	0/19.22	2/17.43	0/11.99
POLY-3 PERCENT (g)	0%	11.5%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.209	(e)
POLY 1.5	P=0.620N	P=0.214	(e)
POLY 6	P=0.597	P=0.216	(e)
COCH-ARM / FISHERS	P=0.540N	P=0.244	(e)
MAX-ISO-POLY-3	P=0.322	P=0.068	(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)		

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Adrenal Medulla			
Pheochromocytoma Benign			
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TUMOR RATES			
OVERALL (a)	15/60 (25%)	15/59 (25%)	6/57 (11%)
POLY-3 RATE (b)	15/28.07	15/25.57	6/16.04
POLY-3 PERCENT (g)	53.4%	58.7%	37.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	503	359	511
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.179N	P=0.446	P=0.213N
POLY 1.5	P=0.074N	P=0.462	P=0.102N
POLY 6	P=0.459N	P=0.526	P=0.513N
COCH-ARM / FISHERS	P=0.022N*	P=0.563	P=0.035N*
MAX-ISO-POLY-3	P=0.201N	P=0.326	P=0.174N
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Adrenal Medulla			
Pheochromocytoma: Benign, Complex, Malignant, NOS			
<hr/>			
TUMOR RATES			
OVERALL (a)	16/60 (27%)	15/59 (25%)	7/57 (12%)
POLY-3 RATE (b)	16/28.32	15/25.57	7/16.61
POLY-3 PERCENT (g)	56.5%	58.7%	42.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	503	359	511
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.200N	P=0.556	P=0.238N
POLY 1.5	P=0.091N	P=0.555	P=0.118N
POLY 6	P=0.461N	P=0.668	P=0.543N
COCH-ARM / FISHERS	P=0.029N*	P=0.522N	P=0.041N*
MAX-ISO-POLY-3	P=0.249N	P=0.423	P=0.189N
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 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Bone			
Osteosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	4/60 (7%)
POLY-3 RATE (b)	0/19.22	0/15.82	4/14.83
POLY-3 PERCENT (g)	0%	0%	27%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	511
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.004**	(e)	P=0.025*
POLY 1.5	P=0.005**	(e)	P=0.036*
POLY 6	P=0.002**	(e)	P=0.016*
COCH-ARM / FISHERS	P=0.010**	(e)	P=0.059
MAX-ISO-POLY-3	P=0.005**	(e)	P=0.012*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

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 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Bone, Cranium			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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)		

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LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Bone, Cranium			
Osteosarcoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	1/60 (2%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	1/16.68	0/12.19
POLY-3 PERCENT (g)	0%	6%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	478	---
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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LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Brain			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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)		

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LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Ear			
Squamous Cell Carcinoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/16.98	0/12.19
POLY-3 PERCENT (g)	0%	11.8%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	478	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.203	(e)
POLY 1.5	P=0.618N	P=0.213	(e)
POLY 6	P=0.586	P=0.203	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.319	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)		

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DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Harderian Gland			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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)		

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 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Heart			
Leukemia Myeloid			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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)		

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 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Intestine Large: Colon/Rectum			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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)		

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Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Islets, Pancreatic Adenoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	3/60 (5%)	2/60 (3%)
POLY-3 RATE (b)	1/19.97	3/17.17	2/13.82
POLY-3 PERCENT (g)	5%	17.5%	14.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	584	709	511
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.351	P=0.239	P=0.370
POLY 1.5	P=0.427	P=0.260	P=0.419
POLY 6	P=0.261	P=0.233	P=0.312
COCH-ARM / FISHERS	P=0.549	P=0.309	P=0.500
MAX-ISO-POLY-3	P=0.281	P=0.122	P=0.209
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
Time Report Requested: 16:58:47
First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Islets, Pancreatic Carcinoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	2/60 (3%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	2/20.16	0/15.82	0/12.19
POLY-3 PERCENT (g)	9.9%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	586	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.234N	P=0.289N	P=0.358N
POLY 1.5	P=0.226N	P=0.269N	P=0.302N
POLY 6	P=0.239N	P=0.321N	P=0.465N
COCH-ARM / FISHERS	P=0.222N	P=0.248N	P=0.248N
MAX-ISO-POLY-3	P=0.198N	P=0.124N	P=0.185N
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Islets, Pancreatic Carcinoma or Adenoma			
TUMOR RATES			
OVERALL (a)	3/60 (5%)	3/60 (5%)	2/60 (3%)
POLY-3 RATE (b)	3/20.92	3/17.17	2/13.82
POLY-3 PERCENT (g)	14.3%	17.5%	14.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	584	709	511
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.620N	P=0.575	P=0.685
POLY 1.5	P=0.539N	P=0.602	P=0.614N
POLY 6	P=0.520	P=0.572	P=0.611
COCH-ARM / FISHERS	P=0.430N	P=0.660N	P=0.500N
MAX-ISO-POLY-3	P=0.608	P=0.399	P=0.495
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 - 64
 Test Type: CHRONIC
 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 134 WEEKS

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Islets, Pancreatic			
Leukemia Myeloid			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Kidney: Renal Tubule			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	2/59 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.43	0/12.19
POLY-3 PERCENT (g)	0%	11.5%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.209	(e)
POLY 1.5	P=0.617N	P=0.214	(e)
POLY 6	P=0.582	P=0.216	(e)
COCH-ARM / FISHERS	P=0.526N	P=0.244	(e)
MAX-ISO-POLY-3	P=0.325	P=0.068	(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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
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 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Larynx			
Leukemia Myeloid			
TUMOR RATES			
OVERALL (a)	0/57 (0%)	2/60 (3%)	0/59 (0%)
POLY-3 RATE (b)	0/18.42	2/17.60	0/12.06
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.676N	P=0.220	(e)
POLY 1.5	P=0.612N	P=0.227	(e)
POLY 6	P=0.589	P=0.223	(e)
COCH-ARM / FISHERS	P=0.523N	P=0.261	(e)
MAX-ISO-POLY-3	P=0.328	P=0.072	(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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
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First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Liver			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Lung			
Leukemia Myeloid			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Lung			
Lymphoma Lympho-immunoblastic			
<hr/>			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	4/60 (7%)	5/60 (8%)
POLY-3 RATE (b)	1/19.78	4/18.88	5/16.11
POLY-3 PERCENT (g)	5.1%	21.2%	31%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	708	393	431
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.050*	P=0.146	P=0.043*
POLY 1.5	P=0.073	P=0.153	P=0.061
POLY 6	P=0.035*	P=0.155	P=0.029*
COCH-ARM / FISHERS	P=0.132	P=0.182	P=0.103
MAX-ISO-POLY-3	P=0.040*	P=0.064	P=0.023*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Lymph Node			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

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Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Lymph Node			
Lymphoma Lympho-immunoblastic			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	1/19.22	1/16.21	1/12.82
POLY-3 PERCENT (g)	5.2%	6.2%	7.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	932	790	666
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	2/20.71	0/15.82	1/13.03
POLY-3 PERCENT (g)	9.7%	0%	7.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	550	---	502
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.614N	P=0.296N	P=0.659N
POLY 1.5	P=0.591N	P=0.272N	P=0.593N
POLY 6	P=0.658N	P=0.338N	P=0.719
COCH-ARM / FISHERS	P=0.568N	P=0.248N	P=0.500N
MAX-ISO-POLY-3	P=0.385N	P=0.130N	P=0.435N
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland Carcinoma or Adenoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	2/20.71	0/15.82	1/13.03
POLY-3 PERCENT (g)	9.7%	0%	7.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	550	---	502
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.614N	P=0.296N	P=0.659N
POLY 1.5	P=0.591N	P=0.272N	P=0.593N
POLY 6	P=0.658N	P=0.338N	P=0.719
COCH-ARM / FISHERS	P=0.568N	P=0.248N	P=0.500N
MAX-ISO-POLY-3	P=0.385N	P=0.130N	P=0.435N
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

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 Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland Fibroadenoma			
TUMOR RATES	#	#	#
OVERALL (a)	5/60 (8%)	1/60 (2%)	4/60 (7%)
POLY-3 RATE (b)	5/22.74	1/16.21	4/14.91
POLY-3 PERCENT (g)	22%	6.2%	26.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	229	790	526
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.426	P=0.180N	P=0.521
POLY 1.5	P=0.495	P=0.146N	P=0.616
POLY 6	P=0.332	P=0.251N	P=0.409
COCH-ARM / FISHERS	P=0.588	P=0.103N	P=0.500N
MAX-ISO-POLY-3	P=0.309	P=0.117N	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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland			
Fibrolipoma			
TUMOR RATES	#	#	#
OVERALL (a)	3/60 (5%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	3/20.62	0/15.82	0/12.19
POLY-3 PERCENT (g)	14.6%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	603	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.128N	P=0.162N	P=0.229N
POLY 1.5	P=0.120N	P=0.145N	P=0.175N
POLY 6	P=0.141N	P=0.195N	P=0.352N
COCH-ARM / FISHERS	P=0.115N	P=0.122N	P=0.122N
MAX-ISO-POLY-3	P=0.132N	P=0.077N	P=0.134N
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland Fibroma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	1/60 (2%)	0/60 (0%)
POLY-3 RATE (b)	1/19.88	1/16.48	0/12.19
POLY-3 PERCENT (g)	5%	6.1%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	651	650	---
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland			
Fibroma, Fibroadenoma or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	6/60 (10%)	2/60 (3%)	4/60 (7%)
POLY-3 RATE (b)	6/23.40	2/16.87	4/14.91
POLY-3 PERCENT (g)	25.6%	11.9%	26.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	229	650	526
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.550	P=0.241N	P=0.620
POLY 1.5	P=0.574N	P=0.195N	P=0.554N
POLY 6	P=0.432	P=0.329N	P=0.495
COCH-ARM / FISHERS	P=0.465N	P=0.136N	P=0.372N
MAX-ISO-POLY-3	P=0.456	P=0.166N	P=0.471
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland			
Fibroma, Fibroadenoma, Carcinoma, or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	7/60 (12%)	2/60 (3%)	5/60 (8%)
POLY-3 RATE (b)	7/24.20	2/16.87	5/15.76
POLY-3 PERCENT (g)	28.9%	11.9%	31.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	229	650	502
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.486	P=0.171N	P=0.568
POLY 1.5	P=0.571	P=0.129N	P=0.581N
POLY 6	P=0.367	P=0.259N	P=0.438
COCH-ARM / FISHERS	P=0.511N	P=0.081N	P=0.381N
MAX-ISO-POLY-3	P=0.371	P=0.123N	P=0.432
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland			
Lipoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	2/20.67	0/15.82	0/12.19
POLY-3 PERCENT (g)	9.7%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	584	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.235N	P=0.296N	P=0.364N
POLY 1.5	P=0.226N	P=0.272N	P=0.305N
POLY 6	P=0.246N	P=0.338N	P=0.478N
COCH-ARM / FISHERS	P=0.222N	P=0.248N	P=0.248N
MAX-ISO-POLY-3	P=0.207N	P=0.129N	P=0.191N
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

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Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG

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

TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	1/19.88	0/15.82	2/13.67
POLY-3 PERCENT (g)	5%	0%	14.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	651	---	490
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.229	P=0.546N	P=0.368
POLY 1.5	P=0.258	P=0.528N	P=0.418
POLY 6	P=0.190	P=0.573N	P=0.309
COCH-ARM / FISHERS	P=0.304	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.164	P=0.209N	P=0.209
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

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Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG

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

TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	1/60 (2%)
POLY-3 RATE (b)	0/19.22	0/15.82	1/13.02
POLY-3 PERCENT (g)	0%	0%	7.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	511
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

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Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG

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

TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	0/60 (0%)	3/60 (5%)
POLY-3 RATE (b)	1/19.88	0/15.82	3/14.51
POLY-3 PERCENT (g)	5%	0%	20.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	651	---	490
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.080	P=0.546N	P=0.188
POLY 1.5	P=0.097	P=0.528N	P=0.229
POLY 6	P=0.060	P=0.573N	P=0.145
COCH-ARM / FISHERS	P=0.127	P=0.500N	P=0.309
MAX-ISO-POLY-3	P=0.063	P=0.209N	P=0.105
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 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Oral Mucosa			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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 - 64
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Oral Mucosa			
Squamous Cell Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	1/19.88	0/15.82	2/13.67
POLY-3 PERCENT (g)	5%	0%	14.6%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	651	---	490
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.229	P=0.546N	P=0.368
POLY 1.5	P=0.258	P=0.528N	P=0.418
POLY 6	P=0.190	P=0.573N	P=0.309
COCH-ARM / FISHERS	P=0.304	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.164	P=0.209N	P=0.209
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Pancreas			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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)		

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STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Peritoneum			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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 - 64
 Test Type: CHRONIC
 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 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Pharynx			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Pituitary Gland: Pars Distalis or Unspecified Site			
Adenoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	28/54 (52%)	29/56 (52%)	23/54 (43%)
POLY-3 RATE (b)	28/36.70	29/33.97	23/28.12
POLY-3 PERCENT (g)	76.3%	85.4%	81.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	480	438	120
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.385	P=0.183	P=0.380
POLY 1.5	P=0.515N	P=0.296	P=0.612N
POLY 6	P=0.165	P=0.140	P=0.209
COCH-ARM / FISHERS	P=0.173N	P=0.573N	P=0.220N
MAX-ISO-POLY-3	P=0.248	P=0.105	P=0.262
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
Time Report Requested: 16:58:47
First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG

Pituitary Gland: Pars Distalis or Unspecified Site
Leukemia Myeloid

TUMOR RATES

OVERALL (a)	0/54 (0%)	2/56 (4%)	0/54 (0%)
POLY-3 RATE (b)	0/17.90	2/16.53	0/11.63
POLY-3 PERCENT (g)	0%	12.1%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.676N	P=0.212	(e)
POLY 1.5	P=0.616N	P=0.221	(e)
POLY 6	P=0.603	P=0.209	(e)
COCH-ARM / FISHERS	P=0.531N	P=0.257	(e)
MAX-ISO-POLY-3	P=0.320	P=0.070	(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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Salivary Glands			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/59 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/11.86
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.688N	P=0.211	(e)
POLY 1.5	P=0.624N	P=0.217	(e)
POLY 6	P=0.574	P=0.217	(e)
COCH-ARM / FISHERS	P=0.532N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.329	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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Skin			
Lipoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	2/20.17	0/15.82	0/12.19
POLY-3 PERCENT (g)	9.9%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	708	---	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.234N	P=0.289N	P=0.358N
POLY 1.5	P=0.226N	P=0.269N	P=0.302N
POLY 6	P=0.241N	P=0.326N	P=0.468N
COCH-ARM / FISHERS	P=0.222N	P=0.248N	P=0.248N
MAX-ISO-POLY-3	P=0.199N	P=0.124N	P=0.185N
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Skin			
Liposarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	2/21.06	0/15.82	2/13.81
POLY-3 PERCENT (g)	9.5%	0%	14.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	229	---	355
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.423	P=0.301N	P=0.536
POLY 1.5	P=0.464	P=0.276N	P=0.599
POLY 6	P=0.364	P=0.341N	P=0.457
COCH-ARM / FISHERS	P=0.520	P=0.248N	P=0.691N
MAX-ISO-POLY-3	P=0.293	P=0.134N	P=0.352
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Spleen			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Stomach, Forestomach Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	3/60 (5%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	3/17.75	0/12.19
POLY-3 PERCENT (g)	0%	16.9%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	495	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.638N	P=0.094	(e)
POLY 1.5	P=0.549N	P=0.101	(e)
POLY 6	P=0.522	P=0.097	(e)
COCH-ARM / FISHERS	P=0.432N	P=0.122	(e)
MAX-ISO-POLY-3	P=0.255	P=0.031*	(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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Stomach, Forestomach Squamous Cell Carcinoma or Papilloma Squamous			
TUMOR RATES	#	#	#
OVERALL (a)	5/60 (8%)	9/60 (15%)	4/60 (7%)
POLY-3 RATE (b)	5/22.58	9/21.36	4/15.01
POLY-3 PERCENT (g)	22.1%	42.1%	26.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	560	494	502
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.528	P=0.112	P=0.530
POLY 1.5	P=0.509N	P=0.134	P=0.624
POLY 6	P=0.347	P=0.115	P=0.417
COCH-ARM / FISHERS	P=0.304N	P=0.197	P=0.500N
MAX-ISO-POLY-3	P=0.306	P=0.062	P=0.389
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Stomach, Forestomach Squamous Cell Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	5/60 (8%)	7/60 (12%)	4/60 (7%)
POLY-3 RATE (b)	5/22.58	7/20.22	4/15.01
POLY-3 PERCENT (g)	22.1%	34.6%	26.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	560	494	502
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.506	P=0.270	P=0.530
POLY 1.5	P=0.555N	P=0.300	P=0.624
POLY 6	P=0.347	P=0.275	P=0.417
COCH-ARM / FISHERS	P=0.369N	P=0.381	P=0.500N
MAX-ISO-POLY-3	P=0.412	P=0.176	P=0.389
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Testes			
Leukemia Myeloid			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Thymus			
Leukemia Myeloid			
TUMOR RATES			
OVERALL (a)	0/56 (0%)	2/54 (4%)	0/52 (0%)
POLY-3 RATE (b)	0/17.75	2/16.07	0/9.93
POLY-3 PERCENT (g)	0%	12.5%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.711N	P=0.207	(e)
POLY 1.5	P=0.642N	P=0.211	(e)
POLY 6	P=0.508	P=0.216	(e)
COCH-ARM / FISHERS	P=0.545N	P=0.239	(e)
MAX-ISO-POLY-3	P=0.339	P=0.067	(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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
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 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Thymus			
Lymphoma Lympho-immunoblastic			
TUMOR RATES			
OVERALL (a)	0/56 (0%)	1/54 (2%)	1/52 (2%)
POLY-3 RATE (b)	0/17.75	1/14.68	1/10.57
POLY-3 PERCENT (g)	0%	6.8%	9.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	790	666
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
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First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Thyroid Gland: C-Cell Adenoma			
TUMOR RATES			
OVERALL (a)	4/55 (7%)	1/58 (2%)	1/50 (2%)
POLY-3 RATE (b)	4/21.25	1/15.07	1/11.32
POLY-3 PERCENT (g)	18.8%	6.6%	8.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	200	829	446
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.319N	P=0.286N	P=0.408N
POLY 1.5	P=0.271N	P=0.229N	P=0.318N
POLY 6	P=0.433N	P=0.409N	P=0.566N
COCH-ARM / FISHERS	P=0.226N	P=0.166N	P=0.213N
MAX-ISO-POLY-3	P=0.325N	P=0.182N	P=0.279N
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
Time Report Requested: 16:58:47
First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Tongue			
Leukemia Myeloid			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Tongue			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	0/15.82	0/12.19
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Tongue			
Squamous Cell Carcinoma or Papilloma Squamous			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	0/15.82	0/12.19
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
Time Report Requested: 16:58:47
First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Tongue			
Squamous Cell Papilloma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	0/15.82	0/12.19
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Trachea			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Zymbal's Gland			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/19.22	2/17.60	0/12.19
POLY-3 PERCENT (g)	0%	11.4%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	434	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.681N	P=0.211	(e)
POLY 1.5	P=0.617N	P=0.217	(e)
POLY 6	P=0.584	P=0.217	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.325	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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
Time Report Requested: 16:58:47
First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
All Organs			
Histiocytic Sarcoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	1/19.47	1/16.70	1/12.80
POLY-3 PERCENT (g)	5.1%	6%	7.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	847	455	678
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
All Organs			
Osteosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	1/60 (2%)	4/60 (7%)
POLY-3 RATE (b)	0/19.22	1/16.68	4/14.83
POLY-3 PERCENT (g)	0%	6%	27%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	478	511
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.010**	P=0.471	P=0.025*
POLY 1.5	P=0.015*	P=0.479	P=0.036*
POLY 6	P=0.006**	P=0.475	P=0.016*
COCH-ARM / FISHERS	P=0.028*	P=0.500	P=0.059
MAX-ISO-POLY-3	P=0.012*	P=0.154	P=0.012*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
All Organs			
Osteosarcoma or Osteoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	1/60 (2%)	4/60 (7%)
POLY-3 RATE (b)	0/19.22	1/16.68	4/14.83
POLY-3 PERCENT (g)	0%	6%	27%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	478	511
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.010**	P=0.471	P=0.025*
POLY 1.5	P=0.015*	P=0.479	P=0.036*
POLY 6	P=0.006**	P=0.475	P=0.016*
COCH-ARM / FISHERS	P=0.028*	P=0.500	P=0.059
MAX-ISO-POLY-3	P=0.012*	P=0.154	P=0.012*
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
All Organs			
Benign Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	46/60 (77%)	39/60 (65%)	32/60 (53%)
POLY-3 RATE (b)	46/49.53	39/42.12	32/35.64
POLY-3 PERCENT (g)	92.9%	92.6%	89.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	200	259	120
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.338N	P=0.707N	P=0.431N
POLY 1.5	P=0.073N	P=0.417N	P=0.094N
POLY 6	P=0.709	P=0.755	P=0.811
COCH-ARM / FISHERS	P=0.007N**	P=0.114N	P=0.006N**
MAX-ISO-POLY-3	P=0.331N	P=0.469N	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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
All Organs			
Malignant Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	11/60 (18%)	14/60 (23%)	14/60 (23%)
POLY-3 RATE (b)	11/25.83	14/25.87	14/22.69
POLY-3 PERCENT (g)	42.6%	54.1%	61.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	229	147	355
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.106	P=0.256	P=0.102
POLY 1.5	P=0.165	P=0.264	P=0.156
POLY 6	P=0.096	P=0.320	P=0.098
COCH-ARM / FISHERS	P=0.355	P=0.327	P=0.327
MAX-ISO-POLY-3	P=0.093	P=0.162	P=0.063
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 134 WEEKS**

DOSE	Males		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
All Organs			
Malignant and Benign Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	50/60 (83%)	45/60 (75%)	37/60 (62%)
POLY-3 RATE (b)	50/52.19	45/47.61	37/39.47
POLY-3 PERCENT (g)	95.8%	94.5%	93.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	200	147	120
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.436N	P=0.606N	P=0.524N
POLY 1.5	P=0.095N	P=0.399N	P=0.111N
POLY 6	P=0.817	P=0.917N	P=0.946
COCH-ARM / FISHERS	P=0.006N**	P=0.184N	P=0.007N**
MAX-ISO-POLY-3	P=0.357N	P=0.319N	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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Adrenal Cortex			
Adenoma			
TUMOR RATES			
OVERALL (a)	13/60 (22%)	5/60 (8%)	4/60 (7%)
POLY-3 RATE (b)	13/25.04	5/21.59	4/19.89
POLY-3 PERCENT (g)	51.9%	23.2%	20.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	477	558	525
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.022N*	P=0.024N*	P=0.016N*
POLY 1.5	P=0.028N*	P=0.030N*	P=0.020N*
POLY 6	P=0.012N*	P=0.019N*	P=0.011N*
COCH-ARM / FISHERS	P=0.029N*	P=0.036N*	P=0.017N*
MAX-ISO-POLY-3	P=0.016N*	P=0.015N*	P=0.012N*
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Adrenal Cortex			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Adrenal Medulla			
Pheochromocytoma Benign			
TUMOR RATES			
OVERALL (a)	30/60 (50%)	27/60 (45%)	27/60 (45%)
POLY-3 RATE (b)	30/37.00	27/35.68	27/33.88
POLY-3 PERCENT (g)	81.1%	75.7%	79.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	384	450	350
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.609N	P=0.351N	P=0.586N
POLY 1.5	P=0.564N	P=0.364N	P=0.536N
POLY 6	P=0.554N	P=0.353N	P=0.550N
COCH-ARM / FISHERS	P=0.379N	P=0.357N	P=0.357N
MAX-ISO-POLY-3	P=0.443N	P=0.222N	P=0.419N
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
Time Report Requested: 16:58:47
First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Adrenal Medulla			
Pheochromocytoma: Benign, Complex, Malignant, NOS			
<hr/>			
TUMOR RATES			
OVERALL (a)	30/60 (50%)	27/60 (45%)	28/60 (47%)
POLY-3 RATE (b)	30/37.00	27/35.68	28/34.38
POLY-3 PERCENT (g)	81.1%	75.7%	81.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	384	450	350
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.505	P=0.351N	P=0.646
POLY 1.5	P=0.490	P=0.364N	P=0.595
POLY 6	P=0.656N	P=0.353N	P=0.644N
COCH-ARM / FISHERS	P=0.459N	P=0.357N	P=0.428N
MAX-ISO-POLY-3	P=0.464	P=0.222N	P=0.476
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Bone			
Osteosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	0/60 (0%)	3/60 (5%)
POLY-3 RATE (b)	2/19.16	0/18.50	3/20.25
POLY-3 PERCENT (g)	10.4%	0%	14.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	596	---	449
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.295	P=0.238N	P=0.527
POLY 1.5	P=0.275	P=0.239N	P=0.492
POLY 6	P=0.374	P=0.236N	P=0.637
COCH-ARM / FISHERS	P=0.282	P=0.248N	P=0.500
MAX-ISO-POLY-3	P=0.203	P=0.077N	P=0.339
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Bone, Cranium			
Leukemia Myeloid			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Bone, Cranium Osteosarcoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	3/60 (5%)	1/60 (2%)
POLY-3 RATE (b)	0/17.73	3/19.98	1/18.97
POLY-3 PERCENT (g)	0%	15%	5.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	631	695
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.681	P=0.130	P=0.514
POLY 1.5	P=0.632	P=0.122	P=0.497
POLY 6	P=0.584N	P=0.169	P=0.567
COCH-ARM / FISHERS	P=0.636	P=0.122	P=0.500
MAX-ISO-POLY-3	P=0.169	P=0.049*	P=0.171
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
Time Report Requested: 16:58:47
First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Brain			
Leukemia Myeloid			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/59 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.28	0/18.34
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Ear			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	2/60 (3%)	1/60 (2%)
POLY-3 RATE (b)	1/18.69	2/19.79	1/19.30
POLY-3 PERCENT (g)	5.4%	10.1%	5.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	327	402	330
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.594N	P=0.521	P=0.760N
POLY 1.5	P=0.611N	P=0.505	P=0.757
POLY 6	P=0.540N	P=0.575	P=0.726N
COCH-ARM / FISHERS	P=0.598N	P=0.500	P=0.752N
MAX-ISO-POLY-3	P=0.517N	P=0.294	P=0.490N
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Harderian Gland			
Leukemia Myeloid			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

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Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Heart			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/59 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/17.98	0/18.34
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

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 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Intestine Large: Colon/Rectum			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

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Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Islets, Pancreatic Adenoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/59 (0%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	0/17.07	1/19.31	1/18.74
POLY-3 PERCENT (g)	0%	5.2%	5.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	553	814
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

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Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Islets, Pancreatic Carcinoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/59 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.07	0/18.50	0/18.34
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
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Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Islets, Pancreatic Carcinoma or Adenoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/59 (0%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	0/17.07	1/19.31	1/18.74
POLY-3 PERCENT (g)	0%	5.2%	5.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	553	814
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

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 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Islets, Pancreatic			
Leukemia Myeloid			
TUMOR RATES			
OVERALL (a)	0/59 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.07	0/18.50	0/18.34
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
Time Report Requested: 16:58:47
First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Kidney: Renal Tubule			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
Time Report Requested: 16:58:47
First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Larynx			
Leukemia Myeloid			
TUMOR RATES			
OVERALL (a)	0/59 (0%)	0/59 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.07	0/17.98	0/18.34
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
Time Report Requested: 16:58:47
First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Liver			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/59 (0%)	1/60 (2%)	0/60 (0%)
POLY-3 RATE (b)	0/17.07	1/19.37	0/18.34
POLY-3 PERCENT (g)	0%	5.2%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	488	---
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
Time Report Requested: 16:58:47
First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Lung			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Lung			
Lymphoma Lympho-immunoblastic			
TUMOR RATES			
OVERALL (a)	1/60 (2%)	2/60 (3%)	1/60 (2%)
POLY-3 RATE (b)	1/18.32	2/19.66	1/19.33
POLY-3 PERCENT (g)	5.5%	10.2%	5.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	716	402	228
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.587N	P=0.526	P=0.755N
POLY 1.5	P=0.606N	P=0.509	P=0.761
POLY 6	P=0.532N	P=0.576	P=0.721N
COCH-ARM / FISHERS	P=0.598N	P=0.500	P=0.752N
MAX-ISO-POLY-3	P=0.513N	P=0.299	P=0.484N
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Lymph Node			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Lymph Node			
Lymphoma Lympho-immunoblastic			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	3/60 (5%)	2/60 (3%)
POLY-3 RATE (b)	0/17.73	3/20.03	2/20.03
POLY-3 PERCENT (g)	0%	15%	10%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	402	228
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.440	P=0.131	P=0.259
POLY 1.5	P=0.383	P=0.123	P=0.238
POLY 6	P=0.620	P=0.165	P=0.332
COCH-ARM / FISHERS	P=0.378	P=0.122	P=0.248
MAX-ISO-POLY-3	P=0.138	P=0.050*	P=0.096
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
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 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	3/60 (5%)	5/60 (8%)	4/60 (7%)
POLY-3 RATE (b)	3/19.45	5/21.95	4/19.99
POLY-3 PERCENT (g)	15.4%	22.8%	20%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	565	416	450
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.542	P=0.415	P=0.517
POLY 1.5	P=0.509	P=0.376	P=0.483
POLY 6	P=0.651N	P=0.540	P=0.637
COCH-ARM / FISHERS	P=0.535	P=0.359	P=0.500
MAX-ISO-POLY-3	P=0.434	P=0.277	P=0.347
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland Carcinoma or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	3/60 (5%)	6/60 (10%)	4/60 (7%)
POLY-3 RATE (b)	3/19.45	6/22.80	4/19.99
POLY-3 PERCENT (g)	15.4%	26.3%	20%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	565	416	450
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.589	P=0.304	P=0.517
POLY 1.5	P=0.552	P=0.264	P=0.483
POLY 6	P=0.594N	P=0.437	P=0.637
COCH-ARM / FISHERS	P=0.578	P=0.245	P=0.500
MAX-ISO-POLY-3	P=0.373	P=0.199	P=0.347
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
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 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland Fibroadenoma			
TUMOR RATES	#	#	#
OVERALL (a)	31/60 (52%)	26/60 (43%)	22/60 (37%)
POLY-3 RATE (b)	31/38.34	26/34.75	22/30.41
POLY-3 PERCENT (g)	80.9%	74.8%	72.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	327	321	476
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.224N	P=0.318N	P=0.233N
POLY 1.5	P=0.179N	P=0.268N	P=0.171N
POLY 6	P=0.214N	P=0.454N	P=0.263N
COCH-ARM / FISHERS	P=0.077N	P=0.232N	P=0.071N
MAX-ISO-POLY-3	P=0.228N	P=0.205N	P=0.157N
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
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 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland Fibrolipoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	1/18.10	0/18.50	0/18.34
POLY-3 PERCENT (g)	5.5%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	824	---	---
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland Fibroma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	4/60 (7%)	0/60 (0%)
POLY-3 RATE (b)	1/18.10	4/21.36	0/18.34
POLY-3 PERCENT (g)	5.5%	18.7%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	824	551	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.208N	P=0.216	P=0.497N
POLY 1.5	P=0.233N	P=0.191	P=0.507N
POLY 6	P=0.149N	P=0.301	P=0.466N
COCH-ARM / FISHERS	P=0.225N	P=0.182	P=0.500N
MAX-ISO-POLY-3	P=0.125N	P=0.118	P=0.154N
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

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 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland			
Fibroma, Fibroadenoma or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	32/60 (53%)	30/60 (50%)	22/60 (37%)
POLY-3 RATE (b)	32/38.71	30/37.81	22/30.41
POLY-3 PERCENT (g)	82.7%	79.4%	72.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	327	321	476
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.133N	P=0.455N	P=0.158N
POLY 1.5	P=0.100N	P=0.445N	P=0.118N
POLY 6	P=0.131N	P=0.501N	P=0.176N
COCH-ARM / FISHERS	P=0.036N*	P=0.428N	P=0.049N*
MAX-ISO-POLY-3	P=0.152N	P=0.301N	P=0.104N
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland			
Fibroma, Fibroadenoma, Carcinoma, or Adenoma			
TUMOR RATES	#	#	#
OVERALL (a)	33/60 (55%)	33/60 (55%)	23/60 (38%)
POLY-3 RATE (b)	33/39.48	33/39.76	23/31.31
POLY-3 PERCENT (g)	83.6%	83%	73.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	327	321	450
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.107N	P=0.631N	P=0.154N
POLY 1.5	P=0.080N	P=0.606N	P=0.116N
POLY 6	P=0.111N	P=0.679N	P=0.175N
COCH-ARM / FISHERS	P=0.028N*	P=0.573N	P=0.050N*
MAX-ISO-POLY-3	P=0.138N	P=0.458N	P=0.100N
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Mammary Gland			
Leukemia Myeloid			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
Time Report Requested: 16:58:47
First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Mammary Gland			
Lipoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG

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

TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	2/60 (3%)	3/60 (5%)
POLY-3 RATE (b)	1/17.89	2/19.70	3/20.72
POLY-3 PERCENT (g)	5.6%	10.2%	14.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	906	631	330
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.316	P=0.535	P=0.351
POLY 1.5	P=0.273	P=0.511	P=0.310
POLY 6	P=0.453	P=0.612	P=0.483
COCH-ARM / FISHERS	P=0.271	P=0.500	P=0.309
MAX-ISO-POLY-3	P=0.276	P=0.308	P=0.195
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva)			
Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	1/60 (2%)
POLY-3 RATE (b)	0/17.73	2/20.09	1/18.65
POLY-3 PERCENT (g)	0%	10%	5.4%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	506	851
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.597	P=0.260	P=0.510
POLY 1.5	P=0.560	P=0.245	P=0.495
POLY 6	P=0.713	P=0.308	P=0.561
COCH-ARM / FISHERS	P=0.568	P=0.248	P=0.500
MAX-ISO-POLY-3	P=0.223	P=0.097	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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG

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

TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	4/60 (7%)	4/60 (7%)
POLY-3 RATE (b)	1/17.89	4/21.29	4/21.02
POLY-3 PERCENT (g)	5.6%	18.8%	19%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	906	506	330
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.298	P=0.219	P=0.215
POLY 1.5	P=0.243	P=0.192	P=0.180
POLY 6	P=0.487	P=0.315	P=0.343
COCH-ARM / FISHERS	P=0.241	P=0.182	P=0.182
MAX-ISO-POLY-3	P=0.190	P=0.121	P=0.116
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTES	(e)		

Experiment Number: 00117 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Oral Mucosa			
Leukemia Myeloid			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

Date Report Requested: 10/01/2014
Time Report Requested: 16:58:47
First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Oral Mucosa			
Squamous Cell Papilloma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	1/17.89	1/19.22	1/19.30
POLY-3 PERCENT (g)	5.6%	5.2%	5.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	906	631	330
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Pancreas			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/59 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.07	0/18.50	0/18.34
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
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 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Peritoneum			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Pharynx			
Leukemia Myeloid			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG

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

TUMOR RATES

OVERALL (a)	24/53 (45%)	24/54 (44%)	22/58 (38%)
POLY-3 RATE (b)	24/31.11	24/31.51	22/30.35
POLY-3 PERCENT (g)	77.1%	76.2%	72.5%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	327	416	450
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		

STATISTICAL TESTS

POLY 3	P=0.379N	P=0.612N	P=0.434N
POLY 1.5	P=0.368N	P=0.580N	P=0.411N
POLY 6	P=0.322N	P=0.690N	P=0.407N
COCH-ARM / FISHERS	P=0.236N	P=0.543N	P=0.277N
MAX-ISO-POLY-3	P=0.411N	P=0.449N	P=0.296N
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

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Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG

Pituitary Gland: Pars Distalis or Unspecified Site
Leukemia Myeloid

TUMOR RATES

OVERALL (a)	0/53 (0%)	0/54 (0%)	0/58 (0%)
POLY-3 RATE (b)	0/15.44	0/17.41	0/17.63
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Salivary Glands			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	0/59 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.40	0/18.34
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

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 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Skin			
Lipoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	1/60 (2%)	1/60 (2%)
POLY-3 RATE (b)	0/17.73	1/18.92	1/18.74
POLY-3 PERCENT (g)	0%	5.3%	5.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	803	814
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Skin			
Liposarcoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Spleen			
Leukemia Myeloid			
TUMOR RATES			
OVERALL (a)	0/60 (0%)	1/60 (2%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	1/19.37	0/18.34
POLY-3 PERCENT (g)	0%	5.2%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	488	---
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
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 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Stomach, Forestomach Squamous Cell Carcinoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	3/60 (5%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	3/20.28	0/18.34
POLY-3 PERCENT (g)	0%	14.8%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	631	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.410N	P=0.134	(e)
POLY 1.5	P=0.442N	P=0.123	(e)
POLY 6	P=0.311N	P=0.177	(e)
COCH-ARM / FISHERS	P=0.432N	P=0.122	(e)
MAX-ISO-POLY-3	P=0.212N	P=0.052	(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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Stomach, Forestomach Squamous Cell Carcinoma or Papilloma Squamous			
TUMOR RATES	#	#	#
OVERALL (a)	5/60 (8%)	4/60 (7%)	6/60 (10%)
POLY-3 RATE (b)	5/21.57	4/20.99	6/21.65
POLY-3 PERCENT (g)	23.2%	19.1%	27.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	477	631	447
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.401	P=0.519N	P=0.503
POLY 1.5	P=0.374	P=0.514N	P=0.469
POLY 6	P=0.523	P=0.517N	P=0.641
COCH-ARM / FISHERS	P=0.406	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.409	P=0.364N	P=0.356
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

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Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Stomach, Forestomach Squamous Cell Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	5/60 (8%)	3/60 (5%)	6/60 (10%)
POLY-3 RATE (b)	5/21.57	3/20.28	6/21.65
POLY-3 PERCENT (g)	23.2%	14.8%	27.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	477	637	447
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.360	P=0.378N	P=0.503
POLY 1.5	P=0.334	P=0.371N	P=0.469
POLY 6	P=0.479	P=0.383N	P=0.641
COCH-ARM / FISHERS	P=0.361	P=0.359N	P=0.500
MAX-ISO-POLY-3	P=0.328	P=0.241N	P=0.356
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Thymus			
Leukemia Myeloid			
<hr/>			
TUMOR RATES			
OVERALL (a)	0/51 (0%)	0/60 (0%)	0/56 (0%)
POLY-3 RATE (b)	0/14.79	0/18.50	0/16.78
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Thymus			
Lymphoma Lympho-immunoblastic			
TUMOR RATES			
OVERALL (a)	0/51 (0%)	2/60 (3%)	1/56 (2%)
POLY-3 RATE (b)	0/14.79	2/19.11	1/17.47
POLY-3 PERCENT (g)	0%	10.5%	5.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	825	647
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.619	P=0.290	P=0.534
POLY 1.5	P=0.579	P=0.278	P=0.516
POLY 6	P=0.726N	P=0.333	P=0.590
COCH-ARM / FISHERS	P=0.583	P=0.290	P=0.523
MAX-ISO-POLY-3	P=0.248	P=0.115	P=0.188
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Thyroid Gland: C-Cell Adenoma			
<hr/>			
TUMOR RATES			
OVERALL (a)	2/57 (4%)	6/53 (11%)	3/52 (6%)
POLY-3 RATE (b)	2/17.34	6/19.39	3/19.14
POLY-3 PERCENT (g)	11.5%	31%	15.7%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	802	416	391
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.515N	P=0.137	P=0.549
POLY 1.5	P=0.598N	P=0.118	P=0.485
POLY 6	P=0.331N	P=0.217	P=0.694
COCH-ARM / FISHERS	P=0.589	P=0.113	P=0.456
MAX-ISO-POLY-3	P=0.271	P=0.078	P=0.363
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Tongue			
Leukemia Myeloid			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Tongue			
Squamous Cell Carcinoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	2/20.09	0/18.34
POLY-3 PERCENT (g)	0%	10%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	506	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.515N	P=0.260	(e)
POLY 1.5	P=0.538N	P=0.245	(e)
POLY 6	P=0.441N	P=0.308	(e)
COCH-ARM / FISHERS	P=0.528N	P=0.248	(e)
MAX-ISO-POLY-3	P=0.285N	P=0.097	(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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
Tongue			
Squamous Cell Carcinoma or Papilloma Squamous			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	3/60 (5%)	2/60 (3%)
POLY-3 RATE (b)	0/17.73	3/20.58	2/19.76
POLY-3 PERCENT (g)	0%	14.6%	10.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	506	639
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.432	P=0.137	P=0.256
POLY 1.5	P=0.376	P=0.125	P=0.235
POLY 6	P=0.610	P=0.183	P=0.330
COCH-ARM / FISHERS	P=0.378	P=0.122	P=0.248
MAX-ISO-POLY-3	P=0.140	P=0.055	P=0.093
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Tongue			
Squamous Cell Papilloma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	1/60 (2%)	2/60 (3%)
POLY-3 RATE (b)	0/17.73	1/18.98	2/19.76
POLY-3 PERCENT (g)	0%	5.3%	10.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	771	639
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.217	P=0.514	P=0.256
POLY 1.5	P=0.193	P=0.504	P=0.235
POLY 6	P=0.307	P=0.548	P=0.330
COCH-ARM / FISHERS	P=0.196	P=0.500	P=0.248
MAX-ISO-POLY-3	P=0.133	P=0.172	P=0.093
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 - 64
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
ETHYL-TERT-BUTYL-ETHER (ETBE)
CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93
Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Trachea			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 138 WEEKS**

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Uterus			
Leiomyoma			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	0/17.73	0/18.50	2/19.67
POLY-3 PERCENT (g)	0%	0%	10.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	531
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.098	(e)	P=0.255
POLY 1.5	P=0.090	(e)	P=0.234
POLY 6	P=0.133	(e)	P=0.327
COCH-ARM / FISHERS	P=0.093	(e)	P=0.248
MAX-ISO-POLY-3	P=0.076	(e)	P=0.092
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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

Date Report Requested: 10/01/2014
 Time Report Requested: 16:58:47
 First Dose M/F: 02/10/93 / 02/10/93
 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Uterus			
Leiomyosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	1/60 (2%)	2/60 (3%)	0/60 (0%)
POLY-3 RATE (b)	1/18.15	2/19.70	0/18.34
POLY-3 PERCENT (g)	5.5%	10.2%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	802	581	---
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.299N	P=0.530	P=0.498N
POLY 1.5	P=0.314N	P=0.509	P=0.507N
POLY 6	P=0.257N	P=0.592	P=0.468N
COCH-ARM / FISHERS	P=0.304N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.207N	P=0.303	P=0.154N
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

Date Report Requested: 10/01/2014

Time Report Requested: 16:58:47

First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Uterus			
Polyp Stromal			
TUMOR RATES	#	#	#
OVERALL (a)	21/60 (35%)	11/60 (18%)	14/60 (23%)
POLY-3 RATE (b)	21/31.96	11/25.66	14/25.11
POLY-3 PERCENT (g)	65.7%	42.9%	55.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	315	395	531
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.340N	P=0.037N*	P=0.270N
POLY 1.5	P=0.305N	P=0.036N*	P=0.219N
POLY 6	P=0.369N	P=0.040N*	P=0.329N
COCH-ARM / FISHERS	P=0.206N	P=0.031N*	P=0.114N
MAX-ISO-POLY-3	P=0.120N	P=0.028N*	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 - 64
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 ETHYL-TERT-BUTYL-ETHER (ETBE)
 CAS Number: 637-92-3

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 Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Uterus			
Schwannoma Malignant			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	5/60 (8%)	2/60 (3%)
POLY-3 RATE (b)	0/17.73	5/22.26	2/19.49
POLY-3 PERCENT (g)	0%	22.5%	10.3%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	488	657
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.589	P=0.043*	P=0.252
POLY 1.5	P=0.515	P=0.035*	P=0.233
POLY 6	P=0.558N	P=0.077	P=0.324
COCH-ARM / FISHERS	P=0.515	P=0.029*	P=0.248
MAX-ISO-POLY-3	P=0.091	P=0.023*	P=0.090
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 - 64
 Test Type: CHRONIC
 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 138 WEEKS**

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
Zymbal's Gland			
Leukemia Myeloid			
TUMOR RATES	#	#	#
OVERALL (a)	0/60 (0%)	0/60 (0%)	0/60 (0%)
POLY-3 RATE (b)	0/17.73	0/18.50	0/18.34
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 - 64
 Test Type: CHRONIC
 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 138 WEEKS**

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
All Organs			
Histiocytic Sarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	0/60 (0%)	2/60 (3%)
POLY-3 RATE (b)	2/18.91	0/18.50	2/19.85
POLY-3 PERCENT (g)	10.6%	0%	10.1%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	596	---	320
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.541	P=0.235N	P=0.687N
POLY 1.5	P=0.517	P=0.238N	P=0.692
POLY 6	P=0.616	P=0.229N	P=0.630N
COCH-ARM / FISHERS	P=0.520	P=0.248N	P=0.691N
MAX-ISO-POLY-3	P=0.360N	P=0.074N	P=0.478N
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 - 64
 Test Type: CHRONIC
 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 138 WEEKS**

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
All Organs			
Osteosarcoma			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	3/60 (5%)	4/60 (7%)
POLY-3 RATE (b)	2/19.16	3/19.98	4/20.87
POLY-3 PERCENT (g)	10.4%	15%	19.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	596	631	449
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.335	P=0.521	P=0.366
POLY 1.5	P=0.297	P=0.504	P=0.329
POLY 6	P=0.470	P=0.583	P=0.495
COCH-ARM / FISHERS	P=0.307	P=0.500	P=0.340
MAX-ISO-POLY-3	P=0.312	P=0.332	P=0.222
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

CAS Number: 637-92-3

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First Dose M/F: 02/10/93 / 02/10/93

Lab: CRC

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
<hr/>			
All Organs			
Osteosarcoma or Osteoma			
<hr/>			
TUMOR RATES	#	#	#
OVERALL (a)	2/60 (3%)	3/60 (5%)	4/60 (7%)
POLY-3 RATE (b)	2/19.16	3/19.98	4/20.87
POLY-3 PERCENT (g)	10.4%	15%	19.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	596	631	449
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
<hr/>			
STATISTICAL TESTS			
POLY 3	P=0.335	P=0.521	P=0.366
POLY 1.5	P=0.297	P=0.504	P=0.329
POLY 6	P=0.470	P=0.583	P=0.495
COCH-ARM / FISHERS	P=0.307	P=0.500	P=0.340
MAX-ISO-POLY-3	P=0.312	P=0.332	P=0.222
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

ETHYL-TERT-BUTYL-ETHER (ETBE)

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
All Organs			
Benign Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	53/60 (88%)	53/60 (88%)	45/60 (75%)
POLY-3 RATE (b)	53/54.40	53/53.93	45/46.41
POLY-3 PERCENT (g)	97.4%	98.3%	97%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	315	321	330
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.667N	P=0.749	P=0.811N
POLY 1.5	P=0.241N	P=0.604	P=0.375N
POLY 6	P=0.995	P=0.997	P=0.999
COCH-ARM / FISHERS	P=0.020N*	P=0.611N	P=0.049N*
MAX-ISO-POLY-3	P=0.421N	P=0.282	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)		

Experiment Number: 00117 - 64
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(SD)
 LAST REMOVAL AT 138 WEEKS**

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
All Organs			
Malignant Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	12/60 (20%)	25/60 (42%)	19/60 (32%)
POLY-3 RATE (b)	12/26.08	25/34.28	19/29.58
POLY-3 PERCENT (g)	46%	72.9%	64.2%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	327	402	228
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.299	P=0.009**	P=0.091
POLY 1.5	P=0.230	P=0.006**	P=0.074
POLY 6	P=0.581	P=0.049*	P=0.243
COCH-ARM / FISHERS	P=0.280	P=0.009**	P=0.105
MAX-ISO-POLY-3	P=0.031*	P=0.008**	P=0.058
HISTCONT SAME RTE	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)
CURR VS HC SAME RTE	(e)		
CURR VS HC ALL RTEs	(e)		

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

DOSE	Females		
	VEHICLE CONTROL	0.25 G/KG	1.0 G/KG
All Organs			
Malignant and Benign Tumors			
TUMOR RATES	#	#	#
OVERALL (a)	53/60 (88%)	55/60 (92%)	50/60 (83%)
POLY-3 RATE (b)	53/54.40	55/55.68	50/50.60
POLY-3 PERCENT (g)	97.4%	98.8%	98.8%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	315	321	228
HC TUMORS SAME ROUTE	0/0 (0%)		
HC TUMORS ALL ROUTES	0/0 (0%)		
STATISTICAL TESTS			
POLY 3	P=0.570	P=0.628	P=0.646
POLY 1.5	P=0.652	P=0.407	P=0.632
POLY 6	P=0.969	P=0.996	P=0.995
COCH-ARM / FISHERS	P=0.180N	P=0.381	P=0.301N
MAX-ISO-POLY-3	P=0.202	P=0.168	P=0.159
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 - 64

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/SD

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LEGEND

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

*** END OF REPORT ***