

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

F1_R2

C Number: C99027
Lock Date: 05/03/2005
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
TDMSE Version: 1.7.0

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

MALE RATS

Organ

Adrenal Cortex
Adrenal Medulla
Brain
Kidney
Liver: Bile Duct
Lung: Alveolar Epithelium
Lymph Node, Mesenteric
Mammary Gland

Nose
Pancreas
Pancreas: Acinus
Pituitary Gland: Pars Distalis
Preputial Gland
Prostate: Epithelium
Skin
Spleen

Spleen: Lymphoid Follicle
Testes: Interstitial Cell

Morphology

Accessory Adrenal Cortical Nodule
Hyperplasia
Hemorrhage
Nephropathy
Hyperplasia
Hyperplasia
Ectasia
Cyst
Hyperplasia
Foreign Body
Atrophy
Hyperplasia Focal
Hyperplasia Focal
Inflammation Chronic
Hyperplasia
Cyst Epithelial Inclusion
Necrosis
Pigmentation
Hyperplasia
Hyperplasia

FEMALE RATS

Organ

Adrenal Cortex
Clitoral Gland
Heart
Lung

Lymph Node: Mediastinal
Mammary Gland
Pituitary Gland: Pars Distalis

Morphology

Hyperplasia Focal
Hyperplasia
Thrombosis
Foreign Body
Inflammation Chronic
Pigmentation
Cyst
Hyperplasia Focal

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Thymus
Thyroid Gland
Thyroid Gland: C-Cell
Uterus

Atrophy
Ultimobranchial Cyst
Hyperplasia
Hyperplasia Cystic

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Cortex				
Accessory Adrenal Cortical Nodule				
LESION RATES				
OVERALL (a)	5/50 (10%)	22/49 (45%)	23/50 (46%)	15/50 (30%)
POLY-3 RATE (b)	5/46.09	22/44.27	23/47.10	15/43.07
POLY-3 PERCENT (g)	10.9%	49.7%	48.8%	34.8%
TERMINAL (d)	5/37 (14%)	19/36 (53%)	18/35 (51%)	12/28 (43%)
FIRST INCIDENCE	729 (T)	579	575	682
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.169	P<0.001**	P<0.001**	P=0.002**
POLY 3	P=0.398	P<0.001**	P<0.001**	P=0.005**
POLY 1.5	P=0.454	P<0.001**	P<0.001**	P=0.007**
POLY 6	P=0.330	P<0.001**	P<0.001**	P=0.004**
LOGISTIC REGRESSION	P=0.361	P<0.001**	P<0.001**	P=0.003**
COCH-ARM / FISHERS	P=0.523	P<0.001**	P<0.001**	P=0.011*
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)
.....				

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Cortex Angiectasis				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.27	0/43.30	0/45.99	0/42.65
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	682	---	---	---
STATISTICAL TESTS				
LIFE TABLE	P=0.614N	P=0.519N	P=0.500N	P=0.535N
POLY 3	P=0.585N	P=0.513N	P=0.501N	P=0.516N
POLY 1.5	P=0.585N	P=0.512N	P=0.500N	P=0.509N
POLY 6	P=0.585N	P=0.515N	P=0.503N	P=0.526N
LOGISTIC REGRESSION	P=0.584N	P=0.498N	P=0.502N	P=0.489N
COCH-ARM / FISHERS	P=0.587N	P=0.505N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.134N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.160N	(e)	(e)	(e)

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Adrenal Cortex
Degeneration Cystic

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.09	0/43.30	0/45.99	0/42.65
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

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

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Adrenal Cortex
Degeneration Fatty

LESION RATES

OVERALL (a)	12/50 (24%)	7/49 (14%)	8/50 (16%)	8/50 (16%)
POLY-3 RATE (b)	12/47.63	7/44.01	8/47.06	8/45.36
POLY-3 PERCENT (g)	25.2%	15.9%	17%	17.6%
TERMINAL (d)	7/37 (19%)	5/36 (14%)	4/35 (11%)	2/28 (7%)
FIRST INCIDENCE	528	618	575	360

STATISTICAL TESTS

LIFE TABLE	P=0.557	P=0.189N	P=0.276N	P=0.402N
POLY 3	P=0.407N	P=0.201N	P=0.235N	P=0.263N
POLY 1.5	P=0.391N	P=0.194N	P=0.231N	P=0.246N
POLY 6	P=0.435N	P=0.211N	P=0.241N	P=0.293N
LOGISTIC REGRESSION	P=0.359N	P=0.164N	P=0.227N	P=0.118N
COCH-ARM / FISHERS	P=0.388N	P=0.166N	P=0.227N	P=0.227N
ORDER RESTRICTED	P=0.240N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.261N	(e)	(e)	(e)

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Cortex Hemorrhage				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/49 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.71	2/44.09	0/45.99	0/42.65
POLY-3 PERCENT (g)	2.1%	4.5%	0%	0%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	528	569	---	---
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.272N	P=0.494	P=0.496N	P=0.504N
POLY 3	P=0.272N	P=0.480	P=0.503N	P=0.518N
POLY 1.5	P=0.267N	P=0.481	P=0.502N	P=0.511N
POLY 6	P=0.279N	P=0.479	P=0.506N	P=0.528N
LOGISTIC REGRESSION	P=0.266N	P=0.610	P=0.522N	P=0.332N
COCH-ARM / FISHERS	P=0.258N	P=0.492	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.175N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.204N	(e)	(e)	(e)
.....				

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Adrenal Cortex
Hyperplasia Focal

LESION RATES

OVERALL (a)	18/50 (36%)	22/49 (45%)	19/50 (38%)	21/50 (42%)
POLY-3 RATE (b)	18/46.63	22/45.06	19/47.27	21/45.01
POLY-3 PERCENT (g)	38.6%	48.8%	40.2%	46.7%
TERMINAL (d)	16/37 (43%)	17/36 (47%)	14/35 (40%)	10/28 (36%)
FIRST INCIDENCE	653	564	575	528

STATISTICAL TESTS

LIFE TABLE	P=0.127	P=0.235	P=0.431	P=0.106
POLY 3	P=0.381	P=0.217	P=0.521	P=0.283
POLY 1.5	P=0.412	P=0.212	P=0.513	P=0.304
POLY 6	P=0.350	P=0.225	P=0.527	P=0.263
LOGISTIC REGRESSION	P=0.370	P=0.193	P=0.497	P=0.246
COCH-ARM / FISHERS	P=0.447	P=0.243	P=0.500	P=0.341
ORDER RESTRICTED	P=0.345	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.364	(e)	(e)	(e)

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Cortex Hypertrophy				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.09	0/43.30	0/45.99	0/42.65
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---
.....				
STATISTICAL TESTS				
LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
.....				

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Cortex Necrosis				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/49 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/46.41	0/43.30	0/45.99	1/42.66
POLY-3 PERCENT (g)	2.2%	0%	0%	2.3%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	639	---	---	725
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.476	P=0.518N	P=0.504N	P=0.717
POLY 3	P=0.506	P=0.514N	P=0.502N	P=0.742
POLY 1.5	P=0.512	P=0.512N	P=0.501N	P=0.750
POLY 6	P=0.498	P=0.516N	P=0.504N	P=0.730
LOGISTIC REGRESSION	P=0.519	P=0.473N	P=0.508N	P=0.754N
COCH-ARM / FISHERS	P=0.516	P=0.505N	P=0.500N	P=0.753N
ORDER RESTRICTED	P=0.378	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.402	(e)	(e)	(e)
.....				

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Adrenal Cortex
Vacuolization Cytoplasmic

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.09	0/43.30	0/45.99	0/42.65
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

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

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Medulla Hyperplasia				
LESION RATES				
OVERALL (a)	10/50 (20%)	2/49 (4%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	10/46.42	2/43.30	2/46.38	4/42.91
POLY-3 PERCENT (g)	21.5%	4.6%	4.3%	9.3%
TERMINAL (d)	8/37 (22%)	2/36 (6%)	1/35 (3%)	2/28 (7%)
FIRST INCIDENCE	653	729 (T)	618	676
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.491N	P=0.019N*	P=0.022N*	P=0.182N
POLY 3	P=0.350N	P=0.018N*	P=0.013N*	P=0.096N
POLY 1.5	P=0.336N	P=0.018N*	P=0.013N*	P=0.086N
POLY 6	P=0.367N	P=0.019N*	P=0.013N*	P=0.111N
LOGISTIC REGRESSION	P=0.377N	P=0.021N*	P=0.016N*	P=0.112N
COCH-ARM / FISHERS	P=0.330N	P=0.015N*	P=0.014N*	P=0.074N
ORDER RESTRICTED	P=0.009N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.015N*	(e)	(e)	(e)
.....				

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Bone Marrow
Myelofibrosis

LESION RATES

OVERALL (a)	3/50 (6%)	1/50 (2%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	3/46.41	1/44.50	0/45.99	3/43.41
POLY-3 PERCENT (g)	6.5%	2.3%	0%	6.9%
TERMINAL (d)	2/37 (5%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	639	642	---	539

STATISTICAL TESTS

LIFE TABLE	P=0.261	P=0.327N	P=0.131N	P=0.564
POLY 3	P=0.314	P=0.320N	P=0.120N	P=0.631
POLY 1.5	P=0.322	P=0.319N	P=0.120N	P=0.644
POLY 6	P=0.304	P=0.324N	P=0.122N	P=0.613
LOGISTIC REGRESSION	P=0.338	P=0.295N	P=0.121N	P=0.628N
COCH-ARM / FISHERS	P=0.328	P=0.309N	P=0.121N	P=0.661N
ORDER RESTRICTED	P=0.260	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.284	(e)	(e)	(e)

TDMS No. 99027 - 03
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Species/Strain: RATS/F 344

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Bone Osteopetrosis				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/46.09	0/44.19	1/45.99	0/42.65
POLY-3 PERCENT (g)	4.3%	0%	2.2%	0%
TERMINAL (d)	2/37 (5%)	0/36 (0%)	1/35 (3%)	0/28 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.378N	P=0.244N	P=0.519N	P=0.301N
POLY 3	P=0.326N	P=0.247N	P=0.501N	P=0.255N
POLY 1.5	P=0.320N	P=0.245N	P=0.500N	P=0.247N
POLY 6	P=0.333N	P=0.249N	P=0.503N	P=0.265N
LOGISTIC REGRESSION	P=0.378N	(e)	P=0.519N	(e)
COCH-ARM / FISHERS	P=0.318N	P=0.247N	P=0.500N	P=0.247N
ORDER RESTRICTED	P=0.085N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.105N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Brain Compression				
LESION RATES				
OVERALL (a)	5/50 (10%)	4/50 (8%)	4/50 (8%)	5/50 (10%)
POLY-3 RATE (b)	5/46.68	4/45.15	4/46.38	5/43.10
POLY-3 PERCENT (g)	10.7%	8.9%	8.6%	11.6%
TERMINAL (d)	3/37 (8%)	2/36 (6%)	3/35 (9%)	3/28 (11%)
FIRST INCIDENCE	565	564	618	628
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.363	P=0.515N	P=0.529N	P=0.479
POLY 3	P=0.458	P=0.521N	P=0.504N	P=0.579
POLY 1.5	P=0.480	P=0.520N	P=0.502N	P=0.600
POLY 6	P=0.430	P=0.523N	P=0.509N	P=0.552
LOGISTIC REGRESSION	P=0.510	P=0.474N	P=0.501N	P=0.618
COCH-ARM / FISHERS	P=0.505	P=0.500N	P=0.500N	P=0.630N
ORDER RESTRICTED	P=0.574	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.583	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Brain
Hemorrhage

LESION RATES

OVERALL (a)	6/50 (12%)	8/50 (16%)	5/50 (10%)	1/50 (2%)
POLY-3 RATE (b)	6/46.27	8/46.25	5/47.34	1/43.01
POLY-3 PERCENT (g)	13%	17.3%	10.6%	2.3%
TERMINAL (d)	5/37 (14%)	5/36 (14%)	1/35 (3%)	0/28 (0%)
FIRST INCIDENCE	682	50	472	628

STATISTICAL TESTS

LIFE TABLE	P=0.044N*	P=0.372	P=0.527N	P=0.108N
POLY 3	P=0.029N*	P=0.386	P=0.484N	P=0.068N
POLY 1.5	P=0.025N*	P=0.384	P=0.490N	P=0.063N
POLY 6	P=0.034N*	P=0.386	P=0.480N	P=0.076N
LOGISTIC REGRESSION	P=0.018N*	P=0.466	P=0.505N	P=0.068N
COCH-ARM / FISHERS	P=0.022N*	P=0.387	P=0.500N	P=0.056N
ORDER RESTRICTED	P=0.039N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.048N*	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Brain Necrosis				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/46.09	2/44.40	2/47.11	0/42.65
POLY-3 PERCENT (g)	2.2%	4.5%	4.3%	0%
TERMINAL (d)	1/37 (3%)	1/36 (3%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	729 (T)	674	472	---
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.261N	P=0.485	P=0.496	P=0.556N
POLY 3	P=0.250N	P=0.487	P=0.508	P=0.515N
POLY 1.5	P=0.240N	P=0.488	P=0.505	P=0.509N
POLY 6	P=0.263N	P=0.485	P=0.509	P=0.524N
LOGISTIC REGRESSION	P=0.223N	P=0.488	P=0.471	(e)
COCH-ARM / FISHERS	P=0.227N	P=0.500	P=0.500	P=0.500N
ORDER RESTRICTED	P=0.240N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.266N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Eye Cataract				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	1/46.09	3/44.50	3/46.12	2/43.03
POLY-3 PERCENT (g)	2.2%	6.7%	6.5%	4.7%
TERMINAL (d)	1/37 (3%)	2/36 (6%)	2/35 (6%)	1/28 (4%)
FIRST INCIDENCE	729 (T)	642	696	622
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.560	P=0.293	P=0.292	P=0.428
POLY 3	P=0.621	P=0.293	P=0.306	P=0.476
POLY 1.5	P=0.626N	P=0.294	P=0.306	P=0.486
POLY 6	P=0.602	P=0.291	P=0.304	P=0.463
LOGISTIC REGRESSION	P=0.623N	P=0.294	P=0.300	P=0.501
COCH-ARM / FISHERS	P=0.609N	P=0.309	P=0.309	P=0.500
ORDER RESTRICTED	P=0.328	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.353	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Eye: Retina
Degeneration

LESION RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.09	1/44.19	0/45.99	0/42.65
POLY-3 PERCENT (g)	2.2%	2.3%	0%	0%
TERMINAL (d)	1/37 (3%)	1/36 (3%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.429N	P=0.756	P=0.511N	P=0.556N
POLY 3	P=0.386N	P=0.751	P=0.500N	P=0.515N
POLY 1.5	P=0.383N	P=0.752	P=0.500N	P=0.509N
POLY 6	P=0.391N	P=0.749	P=0.502N	P=0.524N
LOGISTIC REGRESSION	P=0.429N	P=0.756	(e)	(e)
COCH-ARM / FISHERS	P=0.376N	P=0.753N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.258N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.283N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Heart Cardiomyopathy				
LESION RATES				
OVERALL (a)	48/50 (96%)	47/50 (94%)	47/50 (94%)	45/50 (90%)
POLY-3 RATE (b)	48/49.30	47/48.87	47/49.58	45/47.66
POLY-3 PERCENT (g)	97.4%	96.2%	94.8%	94.4%
TERMINAL (d)	36/37 (97%)	35/36 (97%)	34/35 (97%)	27/28 (96%)
FIRST INCIDENCE	516	50	472	528
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.069	P=0.533	P=0.474	P=0.108
POLY 3	P=0.393N	P=0.598N	P=0.441N	P=0.404N
POLY 1.5	P=0.287N	P=0.604N	P=0.456N	P=0.318N
POLY 6	P=0.494N	P=0.589N	P=0.459N	P=0.494N
LOGISTIC REGRESSION	P=0.202N	P=0.675N	P=0.487N	P=0.427N
COCH-ARM / FISHERS	P=0.181N	P=0.500N	P=0.500N	P=0.218N
ORDER RESTRICTED	P=0.354N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.371N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Heart Thrombosis				
LESION RATES				
OVERALL (a)	3/50 (6%)	2/50 (4%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	3/46.88	2/44.58	4/46.83	2/42.96
POLY-3 PERCENT (g)	6.4%	4.5%	8.5%	4.7%
TERMINAL (d)	1/37 (3%)	1/36 (3%)	1/35 (3%)	0/28 (0%)
FIRST INCIDENCE	565	618	575	676
STATISTICAL TESTS				
LIFE TABLE	P=0.536N	P=0.517N	P=0.498	P=0.570N
POLY 3	P=0.498N	P=0.523N	P=0.499	P=0.540N
POLY 1.5	P=0.480N	P=0.519N	P=0.500	P=0.523N
POLY 6	P=0.521N	P=0.529N	P=0.497	P=0.561N
LOGISTIC REGRESSION	P=0.447N	P=0.459N	P=0.486	P=0.445N
COCH-ARM / FISHERS	P=0.460N	P=0.500N	P=0.500	P=0.500N
ORDER RESTRICTED	P=0.563N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.574N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Islets, Pancreatic Hyperplasia				
LESION RATES				
OVERALL (a)	6/50 (12%)	4/50 (8%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	6/47.39	4/44.87	3/46.12	2/42.90
POLY-3 PERCENT (g)	12.7%	8.9%	6.5%	4.7%
TERMINAL (d)	2/37 (5%)	1/36 (3%)	2/35 (6%)	1/28 (4%)
FIRST INCIDENCE	565	628	696	662
STATISTICAL TESTS				
LIFE TABLE	P=0.235N	P=0.411N	P=0.263N	P=0.206N
POLY 3	P=0.189N	P=0.404N	P=0.256N	P=0.168N
POLY 1.5	P=0.175N	P=0.397N	P=0.249N	P=0.153N
POLY 6	P=0.207N	P=0.414N	P=0.267N	P=0.190N
LOGISTIC REGRESSION	P=0.157N	P=0.335N	P=0.245N	P=0.105N
COCH-ARM / FISHERS	P=0.162N	P=0.370N	P=0.243N	P=0.134N
ORDER RESTRICTED	P=0.130N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.159N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Kidney Infarct				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/46.09	0/43.50	2/46.74	1/42.73
POLY-3 PERCENT (g)	0%	0%	4.3%	2.3%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	528	708
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.422	(e)	P=0.242	P=0.444
POLY 3	P=0.439	(e)	P=0.240	P=0.485
POLY 1.5	P=0.452	(e)	P=0.239	P=0.491
POLY 6	P=0.423	(e)	P=0.241	P=0.477
LOGISTIC REGRESSION	P=0.467	(e)	P=0.215	P=0.486
COCH-ARM / FISHERS	P=0.462	(e)	P=0.247	P=0.500
ORDER RESTRICTED	P=0.172	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.198	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Kidney Nephropathy				
LESION RATES				
OVERALL (a)	50/50 (100%)	47/49 (96%)	47/50 (94%)	48/50 (96%)
POLY-3 RATE (b)	50/50.00	47/47.02	47/49.14	48/48.87
POLY-3 PERCENT (g)	100%	100%	95.6%	98.2%
TERMINAL (d)	37/37 (100%)	36/36 (100%)	34/35 (97%)	28/28 (100%)
FIRST INCIDENCE	486	564	528	360
STATISTICAL TESTS				
LIFE TABLE	P=0.021*	P=0.471N	P=0.533N	P=0.071
POLY 3	P=0.528N	P=1.000N	P=0.193N	P=0.577N
POLY 1.5	P=0.394N	P=1.000N	P=0.154N	P=0.362N
POLY 6	P=0.740N	P=1.000N	P=0.247N	P=0.988N
LOGISTIC REGRESSION	P=0.521N	(e)	P=0.105N	P=0.373N
COCH-ARM / FISHERS	P=0.462N	P=0.242N	P=0.121N	P=0.247N
ORDER RESTRICTED	P=0.109N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.125N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Kidney: Pelvis
Dilatation

LESION RATES

OVERALL (a)	0/50 (0%)	2/49 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.09	2/45.01	0/45.99	0/42.65
POLY-3 PERCENT (g)	0%	4.4%	0%	0%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	---	195	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.409N	P=0.240	(e)	(e)
POLY 3	P=0.413N	P=0.232	(e)	(e)
POLY 1.5	P=0.410N	P=0.231	(e)	(e)
POLY 6	P=0.419N	P=0.232	(e)	(e)
LOGISTIC REGRESSION	P=0.506N	P=0.476	(e)	(e)
COCH-ARM / FISHERS	P=0.401N	P=0.242	(e)	(e)
ORDER RESTRICTED	P=0.257N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.284N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Kidney: Renal Tubule
Hyperplasia

LESION RATES

OVERALL (a)	3/50 (6%)	0/49 (0%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	3/46.71	0/43.50	5/46.09	3/42.65
POLY-3 PERCENT (g)	6.4%	0%	10.9%	7%
TERMINAL (d)	2/37 (5%)	0/36 (0%)	4/35 (11%)	3/28 (11%)
FIRST INCIDENCE	528	---	704	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.313	P=0.126N	P=0.332	P=0.550
POLY 3	P=0.408	P=0.132N	P=0.349	P=0.620
POLY 1.5	P=0.429	P=0.130N	P=0.353	P=0.637
POLY 6	P=0.380	P=0.134N	P=0.343	P=0.596
LOGISTIC REGRESSION	P=0.420	P=0.104N	P=0.356	P=0.662
COCH-ARM / FISHERS	P=0.447	P=0.125N	P=0.357	P=0.661N
ORDER RESTRICTED	P=0.206	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.235	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Kidney: Transitional Epithelium
Hyperplasia

LESION RATES

OVERALL (a)	1/50 (2%)	3/49 (6%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/46.16	3/43.50	1/45.99	1/42.65
POLY-3 PERCENT (g)	2.2%	6.9%	2.2%	2.3%
TERMINAL (d)	0/37 (0%)	3/36 (8%)	1/35 (3%)	1/28 (4%)
FIRST INCIDENCE	711	729 (T)	729 (T)	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.548N	P=0.290	P=0.737	P=0.693
POLY 3	P=0.469N	P=0.284	P=0.760	P=0.743
POLY 1.5	P=0.457N	P=0.286	P=0.760	P=0.750
POLY 6	P=0.484N	P=0.282	P=0.758	P=0.732
LOGISTIC REGRESSION	P=0.514N	P=0.280	P=0.760	P=0.732
COCH-ARM / FISHERS	P=0.440N	P=0.301	P=0.753N	P=0.753N
ORDER RESTRICTED	P=0.452N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.470N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver Angiectasis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/46.09	0/44.19	2/45.99	0/42.65
POLY-3 PERCENT (g)	0%	0%	4.4%	0%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	2/35 (6%)	0/28 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.689N	(e)	P=0.226	(e)
POLY 3	P=0.642N	(e)	P=0.237	(e)
POLY 1.5	P=0.633N	(e)	P=0.237	(e)
POLY 6	P=0.655N	(e)	P=0.235	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.226	(e)
COCH-ARM / FISHERS	P=0.624N	(e)	P=0.247	(e)
ORDER RESTRICTED	P=0.247	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.272	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Liver
Basophilic Focus

LESION RATES

OVERALL (a)	27/50 (54%)	32/50 (64%)	29/50 (58%)	27/50 (54%)
POLY-3 RATE (b)	27/46.56	32/45.24	29/46.41	27/44.35
POLY-3 PERCENT (g)	58%	70.7%	62.5%	60.9%
TERMINAL (d)	24/37 (65%)	29/36 (81%)	27/35 (77%)	20/28 (71%)
FIRST INCIDENCE	653	607	646	622

STATISTICAL TESTS

LIFE TABLE	P=0.156	P=0.138	P=0.284	P=0.114
POLY 3	P=0.435N	P=0.138	P=0.407	P=0.473
POLY 1.5	P=0.387N	P=0.146	P=0.416	P=0.515
POLY 6	P=0.490N	P=0.126	P=0.383	P=0.423
LOGISTIC REGRESSION	P=0.485	P=0.101	P=0.354	P=0.316
COCH-ARM / FISHERS	P=0.340N	P=0.208	P=0.420	P=0.579N
ORDER RESTRICTED	P=0.394	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.410	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Liver
Clear Cell Focus

LESION RATES

OVERALL (a)	32/50 (64%)	32/50 (64%)	27/50 (54%)	26/50 (52%)
POLY-3 RATE (b)	32/46.67	32/44.46	27/46.41	26/43.96
POLY-3 PERCENT (g)	68.6%	72%	58.2%	59.2%
TERMINAL (d)	29/37 (78%)	31/36 (86%)	25/35 (71%)	20/28 (71%)
FIRST INCIDENCE	653	657	646	622

STATISTICAL TESTS

LIFE TABLE	P=0.390	P=0.500	P=0.286N	P=0.460
POLY 3	P=0.171N	P=0.447	P=0.197N	P=0.229N
POLY 1.5	P=0.146N	P=0.476	P=0.199N	P=0.196N
POLY 6	P=0.202N	P=0.396	P=0.207N	P=0.280N
LOGISTIC REGRESSION	P=0.391N	P=0.367	P=0.220N	P=0.398N
COCH-ARM / FISHERS	P=0.129N	P=0.582N	P=0.208N	P=0.156N
ORDER RESTRICTED	P=0.179N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.202N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver Eosinophilic Focus				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	1/46.09	3/44.19	5/46.29	2/42.65
POLY-3 PERCENT (g)	2.2%	6.8%	10.8%	4.7%
TERMINAL (d)	1/37 (3%)	3/36 (8%)	4/35 (11%)	2/28 (7%)
FIRST INCIDENCE	729 (T)	729 (T)	646	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.582	P=0.295	P=0.095	P=0.403
POLY 3	P=0.576N	P=0.290	P=0.102	P=0.473
POLY 1.5	P=0.556N	P=0.293	P=0.102	P=0.484
POLY 6	P=0.602N	P=0.287	P=0.101	P=0.458
LOGISTIC REGRESSION	P=0.606N	P=0.295	P=0.102	P=0.403
COCH-ARM / FISHERS	P=0.534N	P=0.309	P=0.102	P=0.500
ORDER RESTRICTED	P=0.209	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.235	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver Hemorrhage				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	2/46.09	3/44.19	3/45.99	1/42.65
POLY-3 PERCENT (g)	4.3%	6.8%	6.5%	2.3%
TERMINAL (d)	2/37 (5%)	3/36 (8%)	3/35 (9%)	1/28 (4%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.396N	P=0.487	P=0.474	P=0.597N
POLY 3	P=0.317N	P=0.481	P=0.499	P=0.527N
POLY 1.5	P=0.303N	P=0.484	P=0.500	P=0.516N
POLY 6	P=0.335N	P=0.477	P=0.496	P=0.542N
LOGISTIC REGRESSION	P=0.396N	P=0.487	P=0.474	P=0.597N
COCH-ARM / FISHERS	P=0.286N	P=0.500	P=0.500	P=0.500N
ORDER RESTRICTED	P=0.360N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.384N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Liver
Hepatodiaphragmatic Nodule

LESION RATES

OVERALL (a)	7/50 (14%)	8/50 (16%)	6/50 (12%)	3/50 (6%)
POLY-3 RATE (b)	7/46.34	8/45.40	6/47.34	3/42.73
POLY-3 PERCENT (g)	15.1%	17.6%	12.7%	7%
TERMINAL (d)	6/37 (16%)	4/36 (11%)	4/35 (11%)	2/28 (7%)
FIRST INCIDENCE	660	564	472	708

STATISTICAL TESTS

LIFE TABLE	P=0.172N	P=0.470	P=0.531N	P=0.286N
POLY 3	P=0.116N	P=0.483	P=0.484N	P=0.192N
POLY 1.5	P=0.103N	P=0.480	P=0.488N	P=0.177N
POLY 6	P=0.135N	P=0.487	P=0.484N	P=0.213N
LOGISTIC REGRESSION	P=0.086N	P=0.486	P=0.504N	P=0.218N
COCH-ARM / FISHERS	P=0.088N	P=0.500	P=0.500N	P=0.159N
ORDER RESTRICTED	P=0.154N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.179N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/46.27	0/44.19	0/45.99	1/43.01
POLY-3 PERCENT (g)	2.2%	0%	0%	2.3%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	682	---	---	628
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.490	P=0.519N	P=0.500N	P=0.730
POLY 3	P=0.506	P=0.509N	P=0.501N	P=0.744
POLY 1.5	P=0.511	P=0.508N	P=0.500N	P=0.751
POLY 6	P=0.500	P=0.512N	P=0.503N	P=0.735
LOGISTIC REGRESSION	P=0.518	P=0.494N	P=0.502N	P=0.731N
COCH-ARM / FISHERS	P=0.514	P=0.500N	P=0.500N	P=0.753N
ORDER RESTRICTED	P=0.380	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.402	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Liver
Mixed Cell Focus

LESION RATES

OVERALL (a)	4/50 (8%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	4/46.09	0/44.19	0/45.99	3/42.65
POLY-3 PERCENT (g)	8.7%	0%	0%	7%
TERMINAL (d)	4/37 (11%)	0/36 (0%)	0/35 (0%)	3/28 (11%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.231	P=0.066N	P=0.070N	P=0.651N
POLY 3	P=0.326	P=0.066N	P=0.061N	P=0.542N
POLY 1.5	P=0.335	P=0.065N	P=0.060N	P=0.525N
POLY 6	P=0.316	P=0.067N	P=0.061N	P=0.566N
LOGISTIC REGRESSION	P=0.231	(e)	(e)	P=0.651N
COCH-ARM / FISHERS	P=0.342	P=0.059N	P=0.059N	P=0.500N
ORDER RESTRICTED	P=0.087N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.108N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver Necrosis Focal				
LESION RATES				
OVERALL (a)	5/50 (10%)	1/50 (2%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	5/46.32	1/44.34	4/46.50	1/42.65
POLY-3 PERCENT (g)	10.8%	2.3%	8.6%	2.3%
TERMINAL (d)	2/37 (5%)	0/36 (0%)	3/35 (9%)	1/28 (4%)
FIRST INCIDENCE	698	690	575	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.268N	P=0.125N	P=0.537N	P=0.179N
POLY 3	P=0.205N	P=0.112N	P=0.498N	P=0.121N
POLY 1.5	P=0.193N	P=0.110N	P=0.498N	P=0.113N
POLY 6	P=0.222N	P=0.114N	P=0.501N	P=0.134N
LOGISTIC REGRESSION	P=0.195N	P=0.112N	P=0.500N	P=0.134N
COCH-ARM / FISHERS	P=0.185N	P=0.102N	P=0.500N	P=0.102N
ORDER RESTRICTED	P=0.072N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.092N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver Thrombosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.09	0/44.19	0/45.99	0/42.65
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---
.....				
STATISTICAL TESTS				
LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver: Bile Duct Hyperplasia				
LESION RATES				
OVERALL (a)	23/50 (46%)	11/50 (22%)	14/50 (28%)	9/50 (18%)
POLY-3 RATE (b)	23/48.66	11/46.32	14/47.49	9/44.01
POLY-3 PERCENT (g)	47.3%	23.8%	29.5%	20.5%
TERMINAL (d)	13/37 (35%)	5/36 (14%)	6/35 (17%)	3/28 (11%)
FIRST INCIDENCE	486	564	618	509
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.121N	P=0.030N*	P=0.104N	P=0.037N*
POLY 3	P=0.039N*	P=0.013N*	P=0.055N	P=0.005N**
POLY 1.5	P=0.030N*	P=0.012N*	P=0.051N	P=0.003N**
POLY 6	P=0.055N	P=0.014N*	P=0.061N	P=0.008N**
LOGISTIC REGRESSION	P=0.024N*	P=0.008N**	P=0.048N*	P=0.002N**
COCH-ARM / FISHERS	P=0.026N*	P=0.010N**	P=0.048N*	P=0.002N**
ORDER RESTRICTED	P=0.003N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.006N**	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Liver: Centrilobular
Necrosis

LESION RATES

OVERALL (a)	4/50 (8%)	3/50 (6%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	4/47.29	3/45.65	2/46.29	3/43.09
POLY-3 PERCENT (g)	8.5%	6.6%	4.3%	7%
TERMINAL (d)	1/37 (3%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	528	195	675	662

STATISTICAL TESTS

LIFE TABLE	P=0.606	P=0.528N	P=0.350N	P=0.586N
POLY 3	P=0.596N	P=0.519N	P=0.347N	P=0.550N
POLY 1.5	P=0.580N	P=0.515N	P=0.343N	P=0.530N
POLY 6	P=0.610	P=0.527N	P=0.355N	P=0.577N
LOGISTIC REGRESSION	P=0.541N	P=0.327N	P=0.346N	P=0.422N
COCH-ARM / FISHERS	P=0.558N	P=0.500N	P=0.339N	P=0.500N
ORDER RESTRICTED	P=0.467N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.486N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Liver: Hepatocyte
Vacuolization Cytoplasmic

LESION RATES

OVERALL (a)	8/50 (16%)	4/50 (8%)	9/50 (18%)	6/50 (12%)
POLY-3 RATE (b)	8/47.88	4/45.29	9/47.91	6/43.83
POLY-3 PERCENT (g)	16.7%	8.8%	18.8%	13.7%
TERMINAL (d)	3/37 (8%)	0/36 (0%)	2/35 (6%)	1/28 (4%)
FIRST INCIDENCE	528	569	472	565

STATISTICAL TESTS

LIFE TABLE	P=0.531	P=0.210N	P=0.476	P=0.526N
POLY 3	P=0.556N	P=0.205N	P=0.500	P=0.456N
POLY 1.5	P=0.527N	P=0.200N	P=0.501	P=0.428N
POLY 6	P=0.571	P=0.213N	P=0.497	P=0.492N
LOGISTIC REGRESSION	P=0.464N	P=0.131N	P=0.481	P=0.296N
COCH-ARM / FISHERS	P=0.498N	P=0.178N	P=0.500	P=0.387N
ORDER RESTRICTED	P=0.507	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.522	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Lung				
Foreign Body				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.09	0/44.19	0/45.99	0/42.65
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Lung Hemorrhage				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	2/46.79	3/45.52	3/46.72	0/42.65
POLY-3 PERCENT (g)	4.3%	6.6%	6.4%	0%
TERMINAL (d)	1/37 (3%)	0/36 (0%)	2/35 (6%)	0/28 (0%)
FIRST INCIDENCE	486	564	472	---
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.141N	P=0.491	P=0.483	P=0.275N
POLY 3	P=0.135N	P=0.487	P=0.499	P=0.258N
POLY 1.5	P=0.125N	P=0.487	P=0.500	P=0.250N
POLY 6	P=0.148N	P=0.489	P=0.496	P=0.270N
LOGISTIC REGRESSION	P=0.110N	P=0.624	P=0.473	P=0.149N
COCH-ARM / FISHERS	P=0.113N	P=0.500	P=0.500	P=0.247N
ORDER RESTRICTED	P=0.147N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.174N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lung
Infiltration Cellular Histiocyte

LESION RATES

OVERALL (a)	43/50 (86%)	47/50 (94%)	41/50 (82%)	43/50 (86%)
POLY-3 RATE (b)	43/49.12	47/49.36	41/49.23	43/48.33
POLY-3 PERCENT (g)	87.5%	95.2%	83.3%	89%
TERMINAL (d)	32/37 (87%)	35/36 (97%)	31/35 (89%)	27/28 (96%)
FIRST INCIDENCE	486	50	472	360

STATISTICAL TESTS

LIFE TABLE	P=0.055	P=0.199	P=0.565	P=0.055
POLY 3	P=0.520N	P=0.148	P=0.375N	P=0.539
POLY 1.5	P=0.474N	P=0.152	P=0.378N	P=0.570
POLY 6	P=0.572N	P=0.144	P=0.389N	P=0.499
LOGISTIC REGRESSION	P=0.420N	P=0.145	P=0.392N	P=0.539
COCH-ARM / FISHERS	P=0.406N	P=0.159	P=0.393N	P=0.613N
ORDER RESTRICTED	P=0.309N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.322N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Lung Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	0/46.09	1/44.19	3/47.11	2/42.65
POLY-3 PERCENT (g)	0%	2.3%	6.4%	4.7%
TERMINAL (d)	0/37 (0%)	1/36 (3%)	1/35 (3%)	2/28 (7%)
FIRST INCIDENCE	---	729 (T)	472	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.277	P=0.495	P=0.122	P=0.179
POLY 3	P=0.319	P=0.492	P=0.123	P=0.220
POLY 1.5	P=0.333	P=0.493	P=0.122	P=0.227
POLY 6	P=0.300	P=0.490	P=0.123	P=0.211
LOGISTIC REGRESSION	P=0.358	P=0.495	P=0.093	P=0.179
COCH-ARM / FISHERS	P=0.349	P=0.500	P=0.121	P=0.247
ORDER RESTRICTED	P=0.111	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.135	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Lung Metaplasia Osseous				
LESION RATES				
OVERALL (a)	5/50 (10%)	4/50 (8%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	5/46.34	4/45.19	3/46.50	2/43.27
POLY-3 PERCENT (g)	10.8%	8.9%	6.5%	4.6%
TERMINAL (d)	4/37 (11%)	3/36 (8%)	2/35 (6%)	1/28 (4%)
FIRST INCIDENCE	660	50	575	528
STATISTICAL TESTS				
LIFE TABLE	P=0.302N	P=0.520N	P=0.378N	P=0.315N
POLY 3	P=0.237N	P=0.516N	P=0.355N	P=0.245N
POLY 1.5	P=0.225N	P=0.511N	P=0.355N	P=0.233N
POLY 6	P=0.252N	P=0.524N	P=0.357N	P=0.263N
LOGISTIC REGRESSION	P=0.196N	P=0.419N	P=0.357N	P=0.207N
COCH-ARM / FISHERS	P=0.210N	P=0.500N	P=0.357N	P=0.218N
ORDER RESTRICTED	P=0.220N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.244N	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lung: Alveolar Epithelium
 Hyperplasia

LESION RATES

OVERALL (a)	13/50 (26%)	11/50 (22%)	15/50 (30%)	19/50 (38%)
POLY-3 RATE (b)	13/46.21	11/44.82	15/46.81	19/45.16
POLY-3 PERCENT (g)	28.1%	24.5%	32.1%	42.1%
TERMINAL (d)	11/37 (30%)	8/36 (22%)	12/35 (34%)	11/28 (39%)
FIRST INCIDENCE	711	618	618	360

STATISTICAL TESTS

LIFE TABLE	P=0.009**	P=0.446N	P=0.347	P=0.036*
POLY 3	P=0.049*	P=0.440N	P=0.426	P=0.116
POLY 1.5	P=0.056	P=0.440N	P=0.421	P=0.127
POLY 6	P=0.041*	P=0.441N	P=0.430	P=0.102
LOGISTIC REGRESSION	P=0.042*	P=0.464N	P=0.401	P=0.114
COCH-ARM / FISHERS	P=0.059	P=0.408N	P=0.412	P=0.142
ORDER RESTRICTED	P=0.076	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.081	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lymph Node, Mesenteric
Ectasia

LESION RATES

OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	2/46.09	0/44.19	2/46.44	5/43.61
POLY-3 PERCENT (g)	4.3%	0%	4.3%	11.5%
TERMINAL (d)	2/37 (5%)	0/36 (0%)	0/35 (0%)	2/28 (7%)
FIRST INCIDENCE	729 (T)	---	646	565

STATISTICAL TESTS

LIFE TABLE	P=0.017*	P=0.244N	P=0.684	P=0.147
POLY 3	P=0.027*	P=0.247N	P=0.691N	P=0.194
POLY 1.5	P=0.029*	P=0.245N	P=0.692N	P=0.203
POLY 6	P=0.025*	P=0.249N	P=0.691N	P=0.183
LOGISTIC REGRESSION	P=0.033*	(e)	P=0.695	P=0.222
COCH-ARM / FISHERS	P=0.031*	P=0.247N	P=0.691N	P=0.218
ORDER RESTRICTED	P=0.031*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.041*	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lymph Node: Mediastinal
 Ectasia

LESION RATES

OVERALL (a)	0/15 (0%)	2/15 (13%)	1/13 (8%)	1/17 (6%)
POLY-3 RATE (b)	0/12.01	2/11.55	1/11.68	1/13.88
POLY-3 PERCENT (g)	0%	17.3%	8.6%	7.2%
TERMINAL (d)	0/4 (0%)	0/4 (0%)	1/6 (17%)	1/9 (11%)
FIRST INCIDENCE	---	50	729 (T)	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.588N	P=0.232	P=0.581	P=0.662
POLY 3	P=0.662N	P=0.219	P=0.494	P=0.529
POLY 1.5	P=0.664N	P=0.220	P=0.485	P=0.525
POLY 6	P=0.652N	P=0.217	P=0.505	P=0.539
LOGISTIC REGRESSION	P=0.673	P=0.459	P=0.581	P=0.662
COCH-ARM / FISHERS	P=0.658N	P=0.241	P=0.464	P=0.531
ORDER RESTRICTED	P=0.246	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.283	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lymph Node: Mediastinal
Hemorrhage

LESION RATES

OVERALL (a)	2/15 (13%)	2/15 (13%)	1/13 (8%)	1/17 (6%)
POLY-3 RATE (b)	2/12.13	2/11.82	1/11.68	1/13.88
POLY-3 PERCENT (g)	16.5%	16.9%	8.6%	7.2%
TERMINAL (d)	1/4 (25%)	0/4 (0%)	1/6 (17%)	1/9 (11%)
FIRST INCIDENCE	698	50	729 (T)	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.290N	P=0.681	P=0.410N	P=0.342N
POLY 3	P=0.372N	P=0.694	P=0.514N	P=0.452N
POLY 1.5	P=0.373N	P=0.690	P=0.528N	P=0.457N
POLY 6	P=0.362N	P=0.700	P=0.499N	P=0.436N
LOGISTIC REGRESSION	P=0.402N	P=0.567N	P=0.467N	P=0.390N
COCH-ARM / FISHERS	P=0.365N	P=0.701N	P=0.556N	P=0.452N
ORDER RESTRICTED	P=0.364N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.397N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lymph Node: Mediastinal
Hyperplasia Lymphoid

LESION RATES

OVERALL (a)	1/15 (7%)	0/15 (0%)	1/13 (8%)	1/17 (6%)
POLY-3 RATE (b)	1/12.01	0/10.40	1/11.68	1/13.88
POLY-3 PERCENT (g)	8.3%	0%	8.6%	7.2%
TERMINAL (d)	1/4 (25%)	0/4 (0%)	1/6 (17%)	1/9 (11%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.632N	P=0.500N	P=0.677N	P=0.573N
POLY 3	P=0.653	P=0.529N	P=0.757	P=0.730N
POLY 1.5	P=0.642	P=0.525N	P=0.745	P=0.734N
POLY 6	P=0.677	P=0.535N	P=0.759N	P=0.719N
LOGISTIC REGRESSION	P=0.632N	(e)	P=0.677N	P=0.573N
COCH-ARM / FISHERS	P=0.616	P=0.500N	P=0.722	P=0.726N
ORDER RESTRICTED	P=0.566	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.582	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lymph Node: Mediastinal
Pigmentation

LESION RATES

OVERALL (a)	1/15 (7%)	0/15 (0%)	0/13 (0%)	0/17 (0%)
POLY-3 RATE (b)	1/12.01	0/10.40	0/11.68	0/13.88
POLY-3 PERCENT (g)	8.3%	0%	0%	0%
TERMINAL (d)	1/4 (25%)	0/4 (0%)	0/6 (0%)	0/9 (0%)
FIRST INCIDENCE	729 (T)	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.455N	P=0.500N	P=0.419N	P=0.338N
POLY 3	P=0.557N	P=0.529N	P=0.506N	P=0.471N
POLY 1.5	P=0.554N	P=0.525N	P=0.515N	P=0.475N
POLY 6	P=0.560N	P=0.535N	P=0.495N	P=0.460N
LOGISTIC REGRESSION	P=0.455N	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.560N	P=0.500N	P=0.536N	P=0.469N
ORDER RESTRICTED	P=0.096N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.129N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lymph Node: Mediastinal
Pigmentation Hemosiderin

LESION RATES

OVERALL (a)	0/15 (0%)	0/15 (0%)	0/13 (0%)	0/17 (0%)
POLY-3 RATE (b)	0/12.01	0/10.40	0/11.68	0/13.88
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/4 (0%)	0/4 (0%)	0/6 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lymph Node: Pancreatic
Ectasia

LESION RATES

OVERALL (a)	1/15 (7%)	1/15 (7%)	2/13 (15%)	4/17 (24%)
POLY-3 RATE (b)	1/12.63	1/10.40	2/11.80	4/15.05
POLY-3 PERCENT (g)	7.9%	9.6%	17%	26.6%
TERMINAL (d)	0/4 (0%)	1/4 (25%)	1/6 (17%)	1/9 (11%)
FIRST INCIDENCE	528	729 (T)	698	509

STATISTICAL TESTS

LIFE TABLE	P=0.147	P=0.758	P=0.541	P=0.211
POLY 3	P=0.148	P=0.718	P=0.475	P=0.219
POLY 1.5	P=0.135	P=0.727	P=0.465	P=0.208
POLY 6	P=0.179	P=0.706	P=0.488	P=0.245
LOGISTIC REGRESSION	P=0.112	P=0.771N	P=0.332	P=0.218
COCH-ARM / FISHERS	P=0.113	P=0.759N	P=0.444	P=0.208
ORDER RESTRICTED	P=0.125	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.167	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lymph Node: Pancreatic
Hemorrhage

LESION RATES

OVERALL (a)	2/15 (13%)	0/15 (0%)	1/13 (8%)	1/17 (6%)
POLY-3 RATE (b)	2/12.70	0/10.40	1/11.68	1/13.88
POLY-3 PERCENT (g)	15.7%	0%	8.6%	7.2%
TERMINAL (d)	0/4 (0%)	0/4 (0%)	1/6 (17%)	1/9 (11%)
FIRST INCIDENCE	528	---	729 (T)	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.562N	P=0.253N	P=0.472N	P=0.453N
POLY 3	P=0.591N	P=0.277N	P=0.530N	P=0.468N
POLY 1.5	P=0.596N	P=0.267N	P=0.538N	P=0.467N
POLY 6	P=0.575N	P=0.292N	P=0.524N	P=0.462N
LOGISTIC REGRESSION	P=0.615N	P=0.214N	P=0.652N	P=0.452N
COCH-ARM / FISHERS	P=0.622N	P=0.241N	P=0.556N	P=0.452N
ORDER RESTRICTED	P=0.257N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.285N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Mammary Gland Cyst				
LESION RATES				
OVERALL (a)	3/49 (6%)	1/50 (2%)	3/50 (6%)	6/49 (12%)
POLY-3 RATE (b)	3/45.90	1/44.72	3/46.35	6/42.36
POLY-3 PERCENT (g)	6.5%	2.2%	6.5%	14.2%
TERMINAL (d)	2/37 (5%)	0/36 (0%)	1/35 (3%)	3/27 (11%)
FIRST INCIDENCE	565	564	675	628
STATISTICAL TESTS				
LIFE TABLE	P=0.030*	P=0.311N	P=0.652	P=0.151
POLY 3	P=0.046*	P=0.315N	P=0.658N	P=0.203
POLY 1.5	P=0.051	P=0.312N	P=0.655N	P=0.219
POLY 6	P=0.041*	P=0.319N	P=0.662	P=0.184
LOGISTIC REGRESSION	P=0.060	P=0.246N	P=0.656N	P=0.249
COCH-ARM / FISHERS	P=0.056	P=0.301N	P=0.651N	P=0.243
ORDER RESTRICTED	P=0.057	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.074	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Mammary Gland Hyperplasia				
LESION RATES				
OVERALL (a)	8/49 (16%)	13/50 (26%)	20/50 (40%)	9/49 (18%)
POLY-3 RATE (b)	8/45.54	13/44.54	20/46.08	9/43.63
POLY-3 PERCENT (g)	17.6%	29.2%	43.4%	20.6%
TERMINAL (d)	5/37 (14%)	11/36 (31%)	19/35 (54%)	6/27 (22%)
FIRST INCIDENCE	715	642	705	476
STATISTICAL TESTS				
LIFE TABLE	P=0.538	P=0.149	P=0.004**	P=0.286
POLY 3	P=0.303N	P=0.145	P=0.005**	P=0.461
POLY 1.5	P=0.282N	P=0.150	P=0.006**	P=0.479
POLY 6	P=0.341N	P=0.137	P=0.004**	P=0.431
LOGISTIC REGRESSION	P=0.351N	P=0.130	P=0.003**	P=0.528
COCH-ARM / FISHERS	P=0.274N	P=0.176	P=0.008**	P=0.500
ORDER RESTRICTED	P=0.084	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.098	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Mesentery				
Accessory Spleen				
LESION RATES				
OVERALL (a)	3/15 (20%)	0/10 (0%)	1/8 (13%)	0/9 (0%)
POLY-3 RATE (b)	3/13.83	0/9.44	1/7.23	0/7.04
POLY-3 PERCENT (g)	21.7%	0%	13.8%	0%
TERMINAL (d)	1/8 (13%)	0/8 (0%)	1/5 (20%)	0/2 (0%)
FIRST INCIDENCE	565	---	729 (T)	---
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.339N	P=0.131N	P=0.390N	P=0.212N
POLY 3	P=0.317N	P=0.180N	P=0.557N	P=0.255N
POLY 1.5	P=0.298N	P=0.183N	P=0.552N	P=0.235N
POLY 6	P=0.346N	P=0.176N	P=0.567N	P=0.289N
LOGISTIC REGRESSION	P=0.228N	P=0.248N	P=0.593N	P=0.176N
COCH-ARM / FISHERS	P=0.274N	P=0.198N	P=0.565N	P=0.225N
ORDER RESTRICTED	P=0.110N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.179N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Mesentery: Fat
Necrosis

LESION RATES

OVERALL (a)	10/15 (67%)	7/10 (70%)	5/8 (63%)	6/9 (67%)
POLY-3 RATE (b)	10/14.14	7/9.96	5/7.89	6/7.88
POLY-3 PERCENT (g)	70.7%	70.3%	63.4%	76.1%
TERMINAL (d)	5/8 (63%)	6/8 (75%)	3/5 (60%)	2/2 (100%)
FIRST INCIDENCE	486	569	575	628

STATISTICAL TESTS

LIFE TABLE	P=0.219	P=0.276N	P=0.268N	P=0.480
POLY 3	P=0.515	P=0.664N	P=0.548N	P=0.590
POLY 1.5	P=0.566	P=0.647	P=0.570N	P=0.621
POLY 6	P=0.460	P=0.626N	P=0.521N	P=0.557
LOGISTIC REGRESSION	P=0.604	P=0.611	P=0.606N	P=0.606
COCH-ARM / FISHERS	P=0.614N	P=0.607	P=0.596N	P=0.668N
ORDER RESTRICTED	P=0.570	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.598	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Nose				
Foreign Body				
LESION RATES				
OVERALL (a)	12/50 (24%)	9/50 (18%)	6/50 (12%)	3/50 (6%)
POLY-3 RATE (b)	12/47.46	9/45.85	6/46.89	3/42.94
POLY-3 PERCENT (g)	25.3%	19.6%	12.8%	7%
TERMINAL (d)	8/37 (22%)	4/36 (11%)	3/35 (9%)	1/28 (4%)
FIRST INCIDENCE	516	564	575	682
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.050N*	P=0.353N	P=0.132N	P=0.046N*
POLY 3	P=0.025N*	P=0.343N	P=0.099N	P=0.018N*
POLY 1.5	P=0.020N*	P=0.343N	P=0.097N	P=0.015N*
POLY 6	P=0.031N*	P=0.342N	P=0.101N	P=0.023N*
LOGISTIC REGRESSION	P=0.016N*	P=0.290N	P=0.096N	P=0.012N*
COCH-ARM / FISHERS	P=0.017N*	P=0.312N	P=0.096N	P=0.011N*
ORDER RESTRICTED	P=0.013N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.021N*	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Nose Inflammation Chronic				
LESION RATES				
OVERALL (a)	11/50 (22%)	16/50 (32%)	11/50 (22%)	7/50 (14%)
POLY-3 RATE (b)	11/47.41	16/45.89	11/46.89	7/43.30
POLY-3 PERCENT (g)	23.2%	34.9%	23.5%	16.2%
TERMINAL (d)	8/37 (22%)	10/36 (28%)	8/35 (23%)	4/28 (14%)
FIRST INCIDENCE	516	564	575	628
STATISTICAL TESTS				
LIFE TABLE	P=0.184N	P=0.178	P=0.542	P=0.408N
POLY 3	P=0.092N	P=0.154	P=0.584	P=0.283N
POLY 1.5	P=0.076N	P=0.156	P=0.589	P=0.256N
POLY 6	P=0.114N	P=0.155	P=0.578	P=0.317N
LOGISTIC REGRESSION	P=0.064N	P=0.180	P=0.594	P=0.219N
COCH-ARM / FISHERS	P=0.061N	P=0.184	P=0.595N	P=0.218N
ORDER RESTRICTED	P=0.119N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.145N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Nose: Respiratory Epithelium
Metaplasia

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.09	2/44.22	0/45.99	0/42.65
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/37 (0%)	1/36 (3%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	---	720	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.456N	P=0.237	(e)	(e)
POLY 3	P=0.422N	P=0.228	(e)	(e)
POLY 1.5	P=0.416N	P=0.229	(e)	(e)
POLY 6	P=0.429N	P=0.226	(e)	(e)
LOGISTIC REGRESSION	P=0.436N	P=0.224	(e)	(e)
COCH-ARM / FISHERS	P=0.403N	P=0.247	(e)	(e)
ORDER RESTRICTED	P=0.254N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.279N	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Pancreas Atrophy				
LESION RATES				
OVERALL (a)	37/49 (76%)	40/50 (80%)	35/50 (70%)	27/50 (54%)
POLY-3 RATE (b)	37/48.18	40/47.48	35/48.65	27/46.48
POLY-3 PERCENT (g)	76.8%	84.2%	72%	58.1%
TERMINAL (d)	27/36 (75%)	29/36 (81%)	26/35 (74%)	16/28 (57%)
FIRST INCIDENCE	486	569	472	509
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.223N	P=0.328	P=0.499N	P=0.351N
POLY 3	P=0.004N**	P=0.253	P=0.375N	P=0.037N*
POLY 1.5	P=0.003N**	P=0.258	P=0.362N	P=0.029N*
POLY 6	P=0.007N**	P=0.258	P=0.403N	P=0.052N
LOGISTIC REGRESSION	P=0.004N**	P=0.291	P=0.348N	P=0.024N*
COCH-ARM / FISHERS	P=0.003N**	P=0.384	P=0.349N	P=0.021N*
ORDER RESTRICTED	P=0.007N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.007N**	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Pancreas: Acinus
Hyperplasia Focal

LESION RATES

OVERALL (a)	6/49 (12%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	6/45.21	0/44.19	2/45.99	2/42.65
POLY-3 PERCENT (g)	13.3%	0%	4.4%	4.7%
TERMINAL (d)	5/36 (14%)	0/36 (0%)	2/35 (6%)	2/28 (7%)
FIRST INCIDENCE	698	---	729 (T)	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.528N	P=0.019N*	P=0.145N	P=0.225N
POLY 3	P=0.417N	P=0.016N*	P=0.127N	P=0.152N
POLY 1.5	P=0.405N	P=0.016N*	P=0.127N	P=0.141N
POLY 6	P=0.432N	P=0.017N*	P=0.129N	P=0.168N
LOGISTIC REGRESSION	P=0.490N	P=0.019N*	P=0.135N	P=0.193N
COCH-ARM / FISHERS	P=0.400N	P=0.012N*	P=0.128N	P=0.128N
ORDER RESTRICTED	P=0.025N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.035N*	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Pituitary Gland: Pars Distalis
Angiectasis

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.09	0/43.58	0/45.99	1/42.65
POLY-3 PERCENT (g)	0%	0%	0%	2.3%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	1/28 (4%)
FIRST INCIDENCE	---	---	---	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.191	(e)	(e)	P=0.444
POLY 3	P=0.229	(e)	(e)	P=0.485
POLY 1.5	P=0.234	(e)	(e)	P=0.491
POLY 6	P=0.222	(e)	(e)	P=0.476
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.444
COCH-ARM / FISHERS	P=0.238	(e)	(e)	P=0.500
ORDER RESTRICTED	P=0.106	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.131	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Pituitary Gland: Pars Distalis
Cyst

LESION RATES

OVERALL (a)	2/50 (4%)	1/49 (2%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	2/46.14	1/43.94	2/46.29	3/43.34
POLY-3 PERCENT (g)	4.3%	2.3%	4.3%	6.9%
TERMINAL (d)	1/37 (3%)	0/36 (0%)	1/35 (3%)	1/28 (4%)
FIRST INCIDENCE	715	628	646	582

STATISTICAL TESTS

LIFE TABLE	P=0.242	P=0.520N	P=0.670	P=0.410
POLY 3	P=0.292	P=0.517N	P=0.693N	P=0.472
POLY 1.5	P=0.303	P=0.517N	P=0.693N	P=0.483
POLY 6	P=0.278	P=0.517N	P=0.694	P=0.456
LOGISTIC REGRESSION	P=0.322	P=0.504N	P=0.695	P=0.516
COCH-ARM / FISHERS	P=0.313	P=0.508N	P=0.691N	P=0.500
ORDER RESTRICTED	P=0.329	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.353	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Pituitary Gland: Pars Distalis
Hyperplasia Focal

LESION RATES

OVERALL (a)	15/50 (30%)	13/49 (27%)	17/50 (34%)	18/50 (36%)
POLY-3 RATE (b)	15/47.48	13/43.82	17/46.40	18/43.38
POLY-3 PERCENT (g)	31.6%	29.7%	36.6%	41.5%
TERMINAL (d)	9/37 (24%)	11/36 (31%)	13/35 (37%)	14/28 (50%)
FIRST INCIDENCE	528	674	696	628

STATISTICAL TESTS

LIFE TABLE	P=0.047*	P=0.461N	P=0.347	P=0.109
POLY 3	P=0.158	P=0.511N	P=0.383	P=0.222
POLY 1.5	P=0.194	P=0.495N	P=0.398	P=0.266
POLY 6	P=0.119	P=0.534N	P=0.358	P=0.170
LOGISTIC REGRESSION	P=0.131	P=0.476N	P=0.413	P=0.236
COCH-ARM / FISHERS	P=0.237	P=0.437N	P=0.415	P=0.335
ORDER RESTRICTED	P=0.217	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.246	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Pituitary Gland: Pars Intermedia
Cyst

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.09	0/43.58	0/45.99	1/43.18
POLY-3 PERCENT (g)	0%	0%	0%	2.3%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	---	565

STATISTICAL TESTS

LIFE TABLE	P=0.228	(e)	(e)	P=0.491
POLY 3	P=0.231	(e)	(e)	P=0.487
POLY 1.5	P=0.235	(e)	(e)	P=0.492
POLY 6	P=0.225	(e)	(e)	P=0.480
LOGISTIC REGRESSION	P=0.221	(e)	(e)	P=0.623
COCH-ARM / FISHERS	P=0.238	(e)	(e)	P=0.500
ORDER RESTRICTED	P=0.108	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.131	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Preputial Gland
Cyst

LESION RATES

OVERALL (a)	4/50 (8%)	3/50 (6%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	4/46.09	3/45.39	3/46.50	2/43.37
POLY-3 PERCENT (g)	8.7%	6.6%	6.5%	4.6%
TERMINAL (d)	4/37 (11%)	0/36 (0%)	2/35 (6%)	1/28 (4%)
FIRST INCIDENCE	729 (T)	579	575	476

STATISTICAL TESTS

LIFE TABLE	P=0.421N	P=0.517N	P=0.523N	P=0.450N
POLY 3	P=0.359N	P=0.508N	P=0.495N	P=0.365N
POLY 1.5	P=0.345N	P=0.512N	P=0.497N	P=0.354N
POLY 6	P=0.380N	P=0.504N	P=0.496N	P=0.383N
LOGISTIC REGRESSION	P=0.317N	P=0.480N	P=0.500N	P=0.320N
COCH-ARM / FISHERS	P=0.330N	P=0.500N	P=0.500N	P=0.339N
ORDER RESTRICTED	P=0.355N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.376N	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

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 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Preputial Gland Hyperplasia				
LESION RATES				
OVERALL (a)	3/50 (6%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	3/46.26	1/44.19	0/45.99	2/42.65
POLY-3 PERCENT (g)	6.5%	2.3%	0%	4.7%
TERMINAL (d)	1/37 (3%)	1/36 (3%)	0/35 (0%)	2/28 (7%)
FIRST INCIDENCE	698	729 (T)	---	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.496	P=0.329N	P=0.138N	P=0.616N
POLY 3	P=0.572	P=0.322N	P=0.120N	P=0.537N
POLY 1.5	P=0.581	P=0.319N	P=0.119N	P=0.521N
POLY 6	P=0.560	P=0.327N	P=0.122N	P=0.559N
LOGISTIC REGRESSION	P=0.540	P=0.322N	P=0.121N	P=0.566N
COCH-ARM / FISHERS	P=0.589	P=0.309N	P=0.121N	P=0.500N
ORDER RESTRICTED	P=0.212N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.239N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Preputial Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	26/50 (52%)	35/50 (70%)	30/50 (60%)	25/50 (50%)
POLY-3 RATE (b)	26/46.45	35/46.28	30/46.56	25/45.34
POLY-3 PERCENT (g)	56%	75.6%	64.4%	55.1%
TERMINAL (d)	23/37 (62%)	28/36 (78%)	27/35 (77%)	14/28 (50%)
FIRST INCIDENCE	682	569	638	528
STATISTICAL TESTS				
LIFE TABLE	P=0.446	P=0.038*	P=0.165	P=0.220
POLY 3	P=0.147N	P=0.032*	P=0.262	P=0.552N
POLY 1.5	P=0.136N	P=0.031*	P=0.269	P=0.535N
POLY 6	P=0.155N	P=0.036*	P=0.246	P=0.563N
LOGISTIC REGRESSION	P=0.261N	P=0.021*	P=0.207	P=0.487
COCH-ARM / FISHERS	P=0.132N	P=0.050*	P=0.273	P=0.500N
ORDER RESTRICTED	P=0.217N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.232N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Prostate
Inflammation Chronic

LESION RATES

OVERALL (a)	8/50 (16%)	12/50 (24%)	10/50 (20%)	11/50 (22%)
POLY-3 RATE (b)	8/46.75	12/44.88	10/47.12	11/44.64
POLY-3 PERCENT (g)	17.1%	26.7%	21.2%	24.6%
TERMINAL (d)	5/37 (14%)	10/36 (28%)	6/35 (17%)	6/28 (21%)
FIRST INCIDENCE	565	564	575	509

STATISTICAL TESTS

LIFE TABLE	P=0.222	P=0.211	P=0.361	P=0.161
POLY 3	P=0.393	P=0.194	P=0.404	P=0.265
POLY 1.5	P=0.415	P=0.199	P=0.402	P=0.281
POLY 6	P=0.366	P=0.187	P=0.404	P=0.243
LOGISTIC REGRESSION	P=0.430	P=0.202	P=0.397	P=0.331
COCH-ARM / FISHERS	P=0.436	P=0.227	P=0.398	P=0.306
ORDER RESTRICTED	P=0.309	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.328	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Prostate: Epithelium
 Hyperplasia

LESION RATES

OVERALL (a)	4/50 (8%)	9/50 (18%)	11/50 (22%)	4/50 (8%)
POLY-3 RATE (b)	4/46.40	9/44.88	11/46.99	4/43.40
POLY-3 PERCENT (g)	8.6%	20.1%	23.4%	9.2%
TERMINAL (d)	1/37 (3%)	7/36 (19%)	8/35 (23%)	2/28 (7%)
FIRST INCIDENCE	682	564	575	509

STATISTICAL TESTS

LIFE TABLE	P=0.352N	P=0.111	P=0.043*	P=0.509
POLY 3	P=0.235N	P=0.102	P=0.046*	P=0.606
POLY 1.5	P=0.213N	P=0.104	P=0.046*	P=0.622
POLY 6	P=0.267N	P=0.099	P=0.045*	P=0.583
LOGISTIC REGRESSION	P=0.201N	P=0.106	P=0.046*	P=0.633N
COCH-ARM / FISHERS	P=0.194N	P=0.117	P=0.045*	P=0.643N
ORDER RESTRICTED	P=0.179	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.203	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Salivary Glands Atrophy				
LESION RATES				
OVERALL (a)	5/50 (10%)	6/50 (12%)	7/50 (14%)	5/50 (10%)
POLY-3 RATE (b)	5/46.14	6/44.19	7/47.11	5/43.32
POLY-3 PERCENT (g)	10.8%	13.6%	14.9%	11.5%
TERMINAL (d)	4/37 (11%)	6/36 (17%)	5/35 (14%)	3/28 (11%)
FIRST INCIDENCE	715	729 (T)	472	509
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.510	P=0.478	P=0.347	P=0.468
POLY 3	P=0.525N	P=0.470	P=0.394	P=0.590
POLY 1.5	P=0.503N	P=0.474	P=0.389	P=0.607
POLY 6	P=0.554N	P=0.462	P=0.395	P=0.566
LOGISTIC REGRESSION	P=0.499N	P=0.457	P=0.378	P=0.598
COCH-ARM / FISHERS	P=0.480N	P=0.500	P=0.380	P=0.630N
ORDER RESTRICTED	P=0.567	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.576	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Skin				
Cyst Epithelial Inclusion				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	0/46.09	0/44.19	1/45.99	4/42.73
POLY-3 PERCENT (g)	0%	0%	2.2%	9.4%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	1/35 (3%)	3/28 (11%)
FIRST INCIDENCE	---	---	729 (T)	708
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.002**	(e)	P=0.489	P=0.035*
POLY 3	P=0.004**	(e)	P=0.500	P=0.051
POLY 1.5	P=0.005**	(e)	P=0.500	P=0.055
POLY 6	P=0.004**	(e)	P=0.498	P=0.046*
LOGISTIC REGRESSION	P=0.003**	(e)	P=0.489	P=0.041*
COCH-ARM / FISHERS	P=0.006**	(e)	P=0.500	P=0.059
ORDER RESTRICTED	P=0.004**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.008**	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Skin Hyperkeratosis				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	2/46.44	3/44.19	3/45.99	1/42.65
POLY-3 PERCENT (g)	4.3%	6.8%	6.5%	2.3%
TERMINAL (d)	0/37 (0%)	3/36 (8%)	3/35 (9%)	1/28 (4%)
FIRST INCIDENCE	653	729 (T)	729 (T)	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.389N	P=0.475	P=0.469	P=0.584N
POLY 3	P=0.319N	P=0.477	P=0.496	P=0.530N
POLY 1.5	P=0.304N	P=0.482	P=0.498	P=0.517N
POLY 6	P=0.339N	P=0.470	P=0.489	P=0.547N
LOGISTIC REGRESSION	P=0.327N	P=0.484	P=0.500	P=0.506N
COCH-ARM / FISHERS	P=0.286N	P=0.500	P=0.500	P=0.500N
ORDER RESTRICTED	P=0.361N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.385N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Skin Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/46.09	0/44.19	1/45.99	0/42.65
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	1/35 (3%)	0/28 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
STATISTICAL TESTS				
LIFE TABLE	P=0.809N	(e)	P=0.489	(e)
POLY 3	P=0.772N	(e)	P=0.500	(e)
POLY 1.5	P=0.767N	(e)	P=0.500	(e)
POLY 6	P=0.778N	(e)	P=0.498	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.489	(e)
COCH-ARM / FISHERS	P=0.763N	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.382	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.404	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Skin: Epidermis Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	3/50 (6%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	0/46.09	3/44.19	3/45.99	1/42.65
POLY-3 PERCENT (g)	0%	6.8%	6.5%	2.3%
TERMINAL (d)	0/37 (0%)	3/36 (8%)	3/35 (9%)	1/28 (4%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.598N	P=0.116	P=0.111	P=0.444
POLY 3	P=0.518N	P=0.111	P=0.118	P=0.485
POLY 1.5	P=0.502N	P=0.112	P=0.119	P=0.491
POLY 6	P=0.539N	P=0.109	P=0.117	P=0.476
LOGISTIC REGRESSION	(e)	P=0.116	P=0.111	P=0.444
COCH-ARM / FISHERS	P=0.481N	P=0.121	P=0.121	P=0.500
ORDER RESTRICTED	P=0.157	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.182	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Spleen Fibrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/46.09	0/44.19	1/45.99	1/42.65
POLY-3 PERCENT (g)	0%	0%	2.2%	2.3%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	1/35 (3%)	1/28 (4%)
FIRST INCIDENCE	---	---	729 (T)	729 (T)
STATISTICAL TESTS				
LIFE TABLE	P=0.311	(e)	P=0.489	P=0.444
POLY 3	P=0.359	(e)	P=0.500	P=0.485
POLY 1.5	P=0.368	(e)	P=0.500	P=0.491
POLY 6	P=0.347	(e)	P=0.498	P=0.476
LOGISTIC REGRESSION	(e)	(e)	P=0.489	P=0.444
COCH-ARM / FISHERS	P=0.376	(e)	P=0.500	P=0.500
ORDER RESTRICTED	P=0.236	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.261	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Spleen
Hematopoietic Cell Proliferation

LESION RATES

OVERALL (a)	3/50 (6%)	1/50 (2%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	3/47.47	1/44.69	2/47.12	4/43.58
POLY-3 PERCENT (g)	6.3%	2.2%	4.2%	9.2%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	516	579	528	582

STATISTICAL TESTS

LIFE TABLE	P=0.196	P=0.319N	P=0.497N	P=0.437
POLY 3	P=0.206	P=0.327N	P=0.503N	P=0.454
POLY 1.5	P=0.216	P=0.323N	P=0.502N	P=0.472
POLY 6	P=0.194	P=0.333N	P=0.508N	P=0.431
LOGISTIC REGRESSION	P=0.232	P=0.181N	P=0.587N	P=0.654
COCH-ARM / FISHERS	P=0.226	P=0.309N	P=0.500N	P=0.500
ORDER RESTRICTED	P=0.245	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.272	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Spleen Necrosis				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.85	0/44.19	0/45.99	0/42.65
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	486	---	---	---
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.375N	P=0.253N	P=0.257N	P=0.276N
POLY 3	P=0.347N	P=0.250N	P=0.241N	P=0.259N
POLY 1.5	P=0.346N	P=0.248N	P=0.240N	P=0.250N
POLY 6	P=0.348N	P=0.254N	P=0.244N	P=0.271N
LOGISTIC REGRESSION	P=0.356N	P=0.167N	P=0.245N	P=0.142N
COCH-ARM / FISHERS	P=0.350N	P=0.247N	P=0.247N	P=0.247N
ORDER RESTRICTED	P=0.039N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.054N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Spleen Pigmentation				
LESION RATES				
OVERALL (a)	26/50 (52%)	29/50 (58%)	28/50 (56%)	33/50 (66%)
POLY-3 RATE (b)	26/46.78	29/45.42	28/46.72	33/45.81
POLY-3 PERCENT (g)	55.6%	63.9%	59.9%	72%
TERMINAL (d)	24/37 (65%)	26/36 (72%)	27/35 (77%)	23/28 (82%)
FIRST INCIDENCE	528	564	472	528
STATISTICAL TESTS				
LIFE TABLE	P<0.001**	P=0.272	P=0.279	P=0.004**
POLY 3	P=0.081	P=0.271	P=0.412	P=0.069
POLY 1.5	P=0.095	P=0.276	P=0.420	P=0.081
POLY 6	P=0.072	P=0.265	P=0.387	P=0.060
LOGISTIC REGRESSION	P=0.038*	P=0.243	P=0.406	P=0.042*
COCH-ARM / FISHERS	P=0.115	P=0.344	P=0.421	P=0.111
ORDER RESTRICTED	P=0.066	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.078	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Spleen: Lymphoid Follicle
Hyperplasia

LESION RATES

OVERALL (a)	20/50 (40%)	9/50 (18%)	8/50 (16%)	14/50 (28%)
POLY-3 RATE (b)	20/47.94	9/45.69	8/47.03	14/45.31
POLY-3 PERCENT (g)	41.7%	19.7%	17%	30.9%
TERMINAL (d)	15/37 (41%)	7/36 (19%)	5/35 (14%)	6/28 (21%)
FIRST INCIDENCE	516	50	528	528

STATISTICAL TESTS

LIFE TABLE	P=0.296	P=0.022N*	P=0.014N*	P=0.394N
POLY 3	P=0.507	P=0.017N*	P=0.006N**	P=0.191N
POLY 1.5	P=0.520	P=0.015N*	P=0.006N**	P=0.173N
POLY 6	P=0.497	P=0.019N*	P=0.007N**	P=0.212N
LOGISTIC REGRESSION	P=0.556N	P=0.010N**	P=0.007N**	P=0.127N
COCH-ARM / FISHERS	P=0.540	P=0.013N*	P=0.007N**	P=0.146N
ORDER RESTRICTED	P=0.023N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.032N*	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Stomach, Forestomach Edema				
LESION RATES				
OVERALL (a)	1/49 (2%)	2/49 (4%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	1/45.14	2/43.93	4/46.55	1/43.01
POLY-3 PERCENT (g)	2.2%	4.6%	8.6%	2.3%
TERMINAL (d)	1/37 (3%)	1/36 (3%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	729 (T)	607	675	628
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.500N	P=0.491	P=0.177	P=0.719
POLY 3	P=0.454N	P=0.490	P=0.188	P=0.750
POLY 1.5	P=0.438N	P=0.490	P=0.187	P=0.756
POLY 6	P=0.475N	P=0.491	P=0.189	P=0.741
LOGISTIC REGRESSION	P=0.414N	P=0.505	P=0.185	P=0.747N
COCH-ARM / FISHERS	P=0.421N	P=0.500	P=0.187	P=0.747N
ORDER RESTRICTED	P=0.357	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.378	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Stomach, Forestomach
Ulcer

LESION RATES

OVERALL (a)	2/49 (4%)	0/49 (0%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	2/45.14	0/43.50	3/46.32	3/43.12
POLY-3 PERCENT (g)	4.4%	0%	6.5%	7%
TERMINAL (d)	2/37 (5%)	0/36 (0%)	1/35 (3%)	1/28 (4%)
FIRST INCIDENCE	729 (T)	---	675	628

STATISTICAL TESTS

LIFE TABLE	P=0.187	P=0.244N	P=0.487	P=0.398
POLY 3	P=0.249	P=0.245N	P=0.512	P=0.479
POLY 1.5	P=0.260	P=0.245N	P=0.511	P=0.491
POLY 6	P=0.235	P=0.246N	P=0.511	P=0.463
LOGISTIC REGRESSION	P=0.258	(e)	P=0.509	P=0.489
COCH-ARM / FISHERS	P=0.268	P=0.247N	P=0.510	P=0.510
ORDER RESTRICTED	P=0.228	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.250	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Stomach, Forestomach: Epithelium
Hyperplasia

LESION RATES

OVERALL (a)	3/49 (6%)	5/49 (10%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	3/45.14	5/43.87	4/46.34	3/43.01
POLY-3 PERCENT (g)	6.7%	11.4%	8.6%	7%
TERMINAL (d)	3/37 (8%)	3/36 (8%)	1/35 (3%)	1/28 (4%)
FIRST INCIDENCE	729 (T)	674	696	662

STATISTICAL TESTS

LIFE TABLE	P=0.567N	P=0.337	P=0.475	P=0.548
POLY 3	P=0.464N	P=0.341	P=0.514	P=0.640
POLY 1.5	P=0.446N	P=0.340	P=0.513	P=0.653
POLY 6	P=0.488N	P=0.341	P=0.514	P=0.623
LOGISTIC REGRESSION	P=0.458N	P=0.335	P=0.509	P=0.629
COCH-ARM / FISHERS	P=0.423N	P=0.357	P=0.511	P=0.651N
ORDER RESTRICTED	P=0.546	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.555	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Stomach, Glandular
Edema

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.14	0/43.50	1/46.08	0/42.65
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	---	---	705	---

STATISTICAL TESTS

LIFE TABLE	P=0.796N	(e)	P=0.480	(e)
POLY 3	P=0.769N	(e)	P=0.504	(e)
POLY 1.5	P=0.765N	(e)	P=0.504	(e)
POLY 6	P=0.776N	(e)	P=0.503	(e)
LOGISTIC REGRESSION	P=0.767N	(e)	P=0.504	(e)
COCH-ARM / FISHERS	P=0.761N	(e)	P=0.505	(e)
ORDER RESTRICTED	P=0.386	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.406	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Stomach, Glandular Erosion				
LESION RATES				
OVERALL (a)	1/49 (2%)	1/49 (2%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	1/45.14	1/44.49	1/46.32	3/43.54
POLY-3 PERCENT (g)	2.2%	2.3%	2.2%	6.9%
TERMINAL (d)	1/37 (3%)	0/36 (0%)	0/35 (0%)	1/28 (4%)
FIRST INCIDENCE	729 (T)	195	638	360
STATISTICAL TESTS				
LIFE TABLE	P=0.123	P=0.755	P=0.754	P=0.240
POLY 3	P=0.151	P=0.757	P=0.755N	P=0.292
POLY 1.5	P=0.157	P=0.757	P=0.755N	P=0.302
POLY 6	P=0.141	P=0.757	P=0.755N	P=0.278
LOGISTIC REGRESSION	P=0.147	P=0.608N	P=0.761N	P=0.398
COCH-ARM / FISHERS	P=0.163	P=0.753N	P=0.747N	P=0.316
ORDER RESTRICTED	P=0.174	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.194	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Stomach, Glandular Hyperplasia Focal				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/45.14	0/43.50	2/46.08	0/42.65
POLY-3 PERCENT (g)	0%	0%	4.3%	0%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	1/35 (3%)	0/28 (0%)
FIRST INCIDENCE	---	---	705	---
STATISTICAL TESTS				
LIFE TABLE	P=0.680N	(e)	P=0.223	(e)
POLY 3	P=0.639N	(e)	P=0.242	(e)
POLY 1.5	P=0.629N	(e)	P=0.242	(e)
POLY 6	P=0.652N	(e)	P=0.240	(e)
LOGISTIC REGRESSION	P=0.644N	(e)	P=0.241	(e)
COCH-ARM / FISHERS	P=0.620N	(e)	P=0.253	(e)
ORDER RESTRICTED	P=0.251	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.275	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Stomach, Glandular Ulcer				
LESION RATES				
OVERALL (a)	3/49 (6%)	1/49 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	3/45.40	1/43.90	2/46.63	1/42.90
POLY-3 PERCENT (g)	6.6%	2.3%	4.3%	2.3%
TERMINAL (d)	2/37 (5%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	660	618	575	662
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.432N	P=0.325N	P=0.506N	P=0.378N
POLY 3	P=0.394N	P=0.317N	P=0.488N	P=0.326N
POLY 1.5	P=0.381N	P=0.317N	P=0.489N	P=0.314N
POLY 6	P=0.410N	P=0.319N	P=0.489N	P=0.342N
LOGISTIC REGRESSION	P=0.361N	P=0.294N	P=0.497N	P=0.297N
COCH-ARM / FISHERS	P=0.370N	P=0.309N	P=0.490N	P=0.301N
ORDER RESTRICTED	P=0.242N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.265N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Testes: Germinal Epithelium
Atrophy

LESION RATES

OVERALL (a)	11/50 (22%)	9/50 (18%)	12/50 (24%)	11/50 (22%)
POLY-3 RATE (b)	11/47.02	9/45.19	12/48.33	11/44.22
POLY-3 PERCENT (g)	23.4%	19.9%	24.8%	24.9%
TERMINAL (d)	8/37 (22%)	5/36 (14%)	6/35 (17%)	5/28 (18%)
FIRST INCIDENCE	528	607	472	476

STATISTICAL TESTS

LIFE TABLE	P=0.285	P=0.437N	P=0.466	P=0.370
POLY 3	P=0.434	P=0.440N	P=0.530	P=0.532
POLY 1.5	P=0.465	P=0.436N	P=0.519	P=0.558
POLY 6	P=0.395	P=0.444N	P=0.538	P=0.497
LOGISTIC REGRESSION	P=0.509	P=0.416N	P=0.494	P=0.596
COCH-ARM / FISHERS	P=0.495	P=0.402N	P=0.500	P=0.595N
ORDER RESTRICTED	P=0.567	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.575	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Testes: Interstitial Cell
Hyperplasia

LESION RATES

OVERALL (a)	0/50 (0%)	3/50 (6%)	4/50 (8%)	5/50 (10%)
POLY-3 RATE (b)	0/46.09	3/44.61	4/47.18	5/44.15
POLY-3 PERCENT (g)	0%	6.7%	8.5%	11.3%
TERMINAL (d)	0/37 (0%)	2/36 (6%)	1/35 (3%)	3/28 (11%)
FIRST INCIDENCE	---	607	472	360

STATISTICAL TESTS

LIFE TABLE	P=0.058	P=0.119	P=0.065	P=0.022*
POLY 3	P=0.082	P=0.113	P=0.063	P=0.027*
POLY 1.5	P=0.087	P=0.113	P=0.062	P=0.029*
POLY 6	P=0.073	P=0.112	P=0.064	P=0.024*
LOGISTIC REGRESSION	P=0.100	P=0.121	P=0.050*	P=0.058
COCH-ARM / FISHERS	P=0.093	P=0.121	P=0.059	P=0.028*
ORDER RESTRICTED	P=0.021*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.028*	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Thymus Atrophy				
LESION RATES				
OVERALL (a)	37/48 (77%)	40/45 (89%)	36/48 (75%)	35/48 (73%)
POLY-3 RATE (b)	37/45.42	40/42.76	36/46.08	35/42.67
POLY-3 PERCENT (g)	81.5%	93.6%	78.1%	82%
TERMINAL (d)	32/35 (91%)	32/33 (97%)	32/35 (91%)	25/26 (96%)
FIRST INCIDENCE	528	607	472	528
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.069	P=0.148	P=0.519N	P=0.060
POLY 3	P=0.361N	P=0.065	P=0.443N	P=0.589
POLY 1.5	P=0.250N	P=0.064	P=0.461N	P=0.542N
POLY 6	P=0.527N	P=0.068	P=0.443N	P=0.468
LOGISTIC REGRESSION	P=0.504N	P=0.065	P=0.416N	P=0.427
COCH-ARM / FISHERS	P=0.158N	P=0.108	P=0.500N	P=0.407N
ORDER RESTRICTED	P=0.246N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.271N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Thyroid Gland Ultimobranchial Cyst				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.37	0/44.19	0/45.99	0/42.65
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/36 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	653	---	---	---
STATISTICAL TESTS				
LIFE TABLE	P=0.607N	P=0.519N	P=0.504N	P=0.529N
POLY 3	P=0.586N	P=0.510N	P=0.502N	P=0.517N
POLY 1.5	P=0.586N	P=0.508N	P=0.501N	P=0.510N
POLY 6	P=0.585N	P=0.512N	P=0.504N	P=0.526N
LOGISTIC REGRESSION	P=0.585N	P=0.477N	P=0.506N	P=0.464N
COCH-ARM / FISHERS	P=0.588N	P=0.500N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.134N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.160N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Thyroid Gland: C-Cell
Hyperplasia

LESION RATES

OVERALL (a)	10/50 (20%)	5/50 (10%)	13/50 (26%)	6/50 (12%)
POLY-3 RATE (b)	10/46.55	5/44.19	13/46.69	6/42.84
POLY-3 PERCENT (g)	21.5%	11.3%	27.8%	14%
TERMINAL (d)	8/37 (22%)	5/36 (14%)	11/35 (31%)	3/28 (11%)
FIRST INCIDENCE	653	729 (T)	528	705

STATISTICAL TESTS

LIFE TABLE	P=0.496N	P=0.149N	P=0.271	P=0.402N
POLY 3	P=0.319N	P=0.153N	P=0.319	P=0.260N
POLY 1.5	P=0.290N	P=0.149N	P=0.320	P=0.237N
POLY 6	P=0.358N	P=0.161N	P=0.310	P=0.293N
LOGISTIC REGRESSION	P=0.349N	P=0.154N	P=0.315	P=0.290N
COCH-ARM / FISHERS	P=0.267N	P=0.131N	P=0.318	P=0.207N
ORDER RESTRICTED	P=0.289N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.315N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Tongue: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/1 (0%)	2/2 (100%)	0/0 (0%)	1/1 (100%)
POLY-3 RATE (b)	0/0.36	2/2.00	0/0.00	1/1.00
POLY-3 PERCENT (g)	0%	100%	0%	100%
TERMINAL (d)	0/0 (0%)	2/2 (100%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	729 (T)	---	662
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.198	(e)	(e)	P=0.451
POLY 3	(e)	P=0.333	(e)	(e)
POLY 1.5	(e)	P=0.333	(e)	(e)
POLY 6	(e)	P=0.333	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.639	P=0.333	(e)	P=0.500
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Adrenal Cortex
 Accessory Adrenal Cortical Nodule

LESION RATES

OVERALL (a)	4/50 (8%)	10/50 (20%)	9/50 (18%)	9/50 (18%)
POLY-3 RATE (b)	4/45.34	10/46.11	9/45.75	9/47.11
POLY-3 PERCENT (g)	8.8%	21.7%	19.7%	19.1%
TERMINAL (d)	4/36 (11%)	8/35 (23%)	5/36 (14%)	8/40 (20%)
FIRST INCIDENCE	729 (T)	646	634	723

STATISTICAL TESTS

LIFE TABLE	P=0.447	P=0.069	P=0.120	P=0.161
POLY 3	P=0.370	P=0.076	P=0.118	P=0.130
POLY 1.5	P=0.359	P=0.076	P=0.117	P=0.126
POLY 6	P=0.380	P=0.075	P=0.120	P=0.134
LOGISTIC REGRESSION	P=0.379	P=0.071	P=0.114	P=0.146
COCH-ARM / FISHERS	P=0.338	P=0.074	P=0.117	P=0.117
ORDER RESTRICTED	P=0.112	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.130	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Cortex Angiectasis				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/45.84	1/45.87	2/45.77	0/47.08
POLY-3 PERCENT (g)	2.2%	2.2%	4.4%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	579	666	474	---
STATISTICAL TESTS				
LIFE TABLE	P=0.304N	P=0.760	P=0.502	P=0.492N
POLY 3	P=0.301N	P=0.760N	P=0.499	P=0.495N
POLY 1.5	P=0.304N	P=0.760N	P=0.500	P=0.496N
POLY 6	P=0.298N	P=0.758	P=0.497	P=0.494N
LOGISTIC REGRESSION	P=0.472N	P=0.716	P=0.476	P=0.676N
COCH-ARM / FISHERS	P=0.309N	P=0.753N	P=0.500	P=0.500N
ORDER RESTRICTED	P=0.265N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.282N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Cortex Degeneration Cystic				
LESION RATES				
OVERALL (a)	0/50 (0%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.34	3/45.87	0/44.62	0/47.08
POLY-3 PERCENT (g)	0%	6.5%	0%	0%
TERMINAL (d)	0/36 (0%)	2/35 (6%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	---	666	---	---
STATISTICAL TESTS				
LIFE TABLE	P=0.260N	P=0.120	(e)	(e)
POLY 3	P=0.264N	P=0.121	(e)	(e)
POLY 1.5	P=0.268N	P=0.121	(e)	(e)
POLY 6	P=0.261N	P=0.119	(e)	(e)
LOGISTIC REGRESSION	P=0.274N	P=0.121	(e)	(e)
COCH-ARM / FISHERS	P=0.278N	P=0.121	(e)	(e)
ORDER RESTRICTED	P=0.159N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.176N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Cortex Degeneration Fatty				
LESION RATES				
OVERALL (a)	6/50 (12%)	5/50 (10%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	6/46.79	5/46.32	2/45.21	3/47.82
POLY-3 PERCENT (g)	12.8%	10.8%	4.4%	6.3%
TERMINAL (d)	2/36 (6%)	1/35 (3%)	0/36 (0%)	1/40 (3%)
FIRST INCIDENCE	396	646	646	604
STATISTICAL TESTS				
LIFE TABLE	P=0.244N	P=0.519N	P=0.156N	P=0.223N
POLY 3	P=0.250N	P=0.507N	P=0.144N	P=0.232N
POLY 1.5	P=0.257N	P=0.503N	P=0.140N	P=0.236N
POLY 6	P=0.242N	P=0.515N	P=0.149N	P=0.229N
LOGISTIC REGRESSION	P=0.352N	P=0.549N	P=0.125N	P=0.380N
COCH-ARM / FISHERS	P=0.269N	P=0.500N	P=0.134N	P=0.243N
ORDER RESTRICTED	P=0.149N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.164N	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Cortex Hemorrhage				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/45.58	3/46.21	1/45.07	0/47.08
POLY-3 PERCENT (g)	2.2%	6.5%	2.2%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	666	666	600	---
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.169N	P=0.300	P=0.757	P=0.491N
POLY 3	P=0.168N	P=0.310	P=0.758	P=0.494N
POLY 1.5	P=0.171N	P=0.310	P=0.759	P=0.495N
POLY 6	P=0.166N	P=0.309	P=0.756	P=0.492N
LOGISTIC REGRESSION	P=0.206N	P=0.282	P=0.764	P=0.542N
COCH-ARM / FISHERS	P=0.177N	P=0.309	P=0.753N	P=0.500N
ORDER RESTRICTED	P=0.151N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.168N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Cortex Hyperplasia Focal				
LESION RATES				
OVERALL (a)	12/50 (24%)	20/50 (40%)	26/50 (52%)	24/50 (48%)
POLY-3 RATE (b)	12/45.68	20/47.62	26/45.96	24/48.30
POLY-3 PERCENT (g)	26.3%	42%	56.6%	49.7%
TERMINAL (d)	10/36 (28%)	13/35 (37%)	21/36 (58%)	21/40 (53%)
FIRST INCIDENCE	666	490	607	586
STATISTICAL TESTS				
LIFE TABLE	P=0.187	P=0.068	P=0.004**	P=0.028*
POLY 3	P=0.092	P=0.081	P=0.002**	P=0.015*
POLY 1.5	P=0.081	P=0.076	P=0.002**	P=0.013*
POLY 6	P=0.103	P=0.086	P=0.002**	P=0.017*
LOGISTIC REGRESSION	P=0.091	P=0.069	P=0.002**	P=0.015*
COCH-ARM / FISHERS	P=0.069	P=0.066	P=0.004**	P=0.011*
ORDER RESTRICTED	P=0.004**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.008**	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Cortex Hypertrophy				
LESION RATES				
OVERALL (a)	2/50 (4%)	5/50 (10%)	3/50 (6%)	7/50 (14%)
POLY-3 RATE (b)	2/45.34	5/45.93	3/44.90	7/47.33
POLY-3 PERCENT (g)	4.4%	10.9%	6.7%	14.8%
TERMINAL (d)	2/36 (6%)	4/35 (11%)	2/36 (6%)	5/40 (13%)
FIRST INCIDENCE	729 (T)	646	654	669
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.137	P=0.210	P=0.494	P=0.112
POLY 3	P=0.103	P=0.221	P=0.496	P=0.089
POLY 1.5	P=0.099	P=0.221	P=0.498	P=0.086
POLY 6	P=0.109	P=0.219	P=0.492	P=0.093
LOGISTIC REGRESSION	P=0.107	P=0.215	P=0.491	P=0.092
COCH-ARM / FISHERS	P=0.091	P=0.218	P=0.500	P=0.080
ORDER RESTRICTED	P=0.060	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.074	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Cortex Necrosis				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/45.53	0/45.63	1/45.07	1/47.08
POLY-3 PERCENT (g)	4.4%	0%	2.2%	2.1%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	1/40 (3%)
FIRST INCIDENCE	701	---	600	729 (T)
STATISTICAL TESTS				
LIFE TABLE	P=0.640N	P=0.258N	P=0.510N	P=0.476N
POLY 3	P=0.663N	P=0.237N	P=0.504N	P=0.488N
POLY 1.5	P=0.667N	P=0.236N	P=0.502N	P=0.492N
POLY 6	P=0.657N	P=0.240N	P=0.507N	P=0.486N
LOGISTIC REGRESSION	P=0.693	P=0.237N	P=0.497N	P=0.490N
COCH-ARM / FISHERS	P=0.673N	P=0.247N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.262N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.280N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Cortex Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/45.34	2/45.63	0/44.62	1/47.08
POLY-3 PERCENT (g)	2.2%	4.4%	0%	2.1%
TERMINAL (d)	1/36 (3%)	2/35 (6%)	0/36 (0%)	1/40 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	---	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.576N	P=0.490	P=0.500N	P=0.738N
POLY 3	P=0.605N	P=0.502	P=0.503N	P=0.752N
POLY 1.5	P=0.610N	P=0.503	P=0.502N	P=0.755N
POLY 6	P=0.601N	P=0.499	P=0.506N	P=0.750N
LOGISTIC REGRESSION	P=0.576N	P=0.490	(e)	P=0.738N
COCH-ARM / FISHERS	P=0.618N	P=0.500	P=0.500N	P=0.753N
ORDER RESTRICTED	P=0.373N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.389N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Adrenal Medulla Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	4/49 (8%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/45.34	4/45.22	0/44.62	1/47.51
POLY-3 PERCENT (g)	0%	8.9%	0%	2.1%
TERMINAL (d)	0/36 (0%)	3/35 (9%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	---	684	---	604
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.470N	P=0.061	(e)	P=0.513
POLY 3	P=0.480N	P=0.060	(e)	P=0.509
POLY 1.5	P=0.488N	P=0.060	(e)	P=0.506
POLY 6	P=0.473N	P=0.059	(e)	P=0.513
LOGISTIC REGRESSION	P=0.512N	P=0.061	(e)	P=0.368
COCH-ARM / FISHERS	P=0.501N	P=0.056	(e)	P=0.500
ORDER RESTRICTED	P=0.214	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.235	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Bone Marrow Myelofibrosis				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.93	3/45.89	1/44.62	0/47.08
POLY-3 PERCENT (g)	4.4%	6.5%	2.2%	0%
TERMINAL (d)	0/36 (0%)	1/35 (3%)	1/36 (3%)	0/40 (0%)
FIRST INCIDENCE	586	684	729 (T)	---
STATISTICAL TESTS				
LIFE TABLE	P=0.112N	P=0.485	P=0.509N	P=0.230N
POLY 3	P=0.115N	P=0.500	P=0.510N	P=0.232N
POLY 1.5	P=0.118N	P=0.502	P=0.505N	P=0.233N
POLY 6	P=0.113N	P=0.494	P=0.517N	P=0.231N
LOGISTIC REGRESSION	P=0.128N	P=0.482	P=0.497N	P=0.300N
COCH-ARM / FISHERS	P=0.122N	P=0.500	P=0.500N	P=0.247N
ORDER RESTRICTED	P=0.103N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.117N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Bone Osteopetrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.34	1/45.75	0/44.62	0/47.08
POLY-3 PERCENT (g)	0%	2.2%	0%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	---	698	---	---
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.614N	P=0.490	(e)	(e)
POLY 3	P=0.619N	P=0.502	(e)	(e)
POLY 1.5	P=0.621N	P=0.502	(e)	(e)
POLY 6	P=0.618N	P=0.500	(e)	(e)
LOGISTIC REGRESSION	P=0.630N	P=0.499	(e)	(e)
COCH-ARM / FISHERS	P=0.626N	P=0.500	(e)	(e)
ORDER RESTRICTED	P=0.377N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.393N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

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 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Brain Compression				
LESION RATES				
OVERALL (a)	9/50 (18%)	10/50 (20%)	11/50 (22%)	13/50 (26%)
POLY-3 RATE (b)	9/46.70	10/46.44	11/46.74	13/49.11
POLY-3 PERCENT (g)	19.3%	21.5%	23.5%	26.5%
TERMINAL (d)	4/36 (11%)	7/35 (20%)	5/36 (14%)	7/40 (18%)
FIRST INCIDENCE	597	608	432	586
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.324	P=0.483	P=0.399	P=0.322
POLY 3	P=0.266	P=0.495	P=0.402	P=0.277
POLY 1.5	P=0.245	P=0.501	P=0.404	P=0.262
POLY 6	P=0.290	P=0.477	P=0.394	P=0.290
LOGISTIC REGRESSION	P=0.157	P=0.495	P=0.411	P=0.163
COCH-ARM / FISHERS	P=0.214	P=0.500	P=0.402	P=0.235
ORDER RESTRICTED	P=0.317	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.337	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Brain Hemorrhage				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	2/46.66	1/45.72	2/45.42	3/47.08
POLY-3 PERCENT (g)	4.3%	2.2%	4.4%	6.4%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	1/36 (3%)	3/40 (8%)
FIRST INCIDENCE	396	707	432	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.350	P=0.504N	P=0.688N	P=0.534
POLY 3	P=0.320	P=0.507N	P=0.684	P=0.504
POLY 1.5	P=0.316	P=0.503N	P=0.688	P=0.503
POLY 6	P=0.325	P=0.513N	P=0.678	P=0.504
LOGISTIC REGRESSION	P=0.166	P=0.686N	P=0.707	P=0.318
COCH-ARM / FISHERS	P=0.309	P=0.500N	P=0.691N	P=0.500
ORDER RESTRICTED	P=0.364	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.376	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Brain Necrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.34	0/45.63	0/44.62	0/47.08
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Clitoral Gland Cyst				
LESION RATES				
OVERALL (a)	2/50 (4%)	5/50 (10%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	2/45.44	5/45.63	2/44.62	5/47.23
POLY-3 PERCENT (g)	4.4%	11%	4.5%	10.6%
TERMINAL (d)	1/36 (3%)	5/35 (14%)	2/36 (6%)	4/40 (10%)
FIRST INCIDENCE	704	729 (T)	729 (T)	690
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.349	P=0.204	P=0.689	P=0.258
POLY 3	P=0.301	P=0.218	P=0.687	P=0.232
POLY 1.5	P=0.293	P=0.219	P=0.691	P=0.227
POLY 6	P=0.310	P=0.212	P=0.683	P=0.237
LOGISTIC REGRESSION	P=0.324	P=0.201	P=0.683	P=0.235
COCH-ARM / FISHERS	P=0.278	P=0.218	P=0.691N	P=0.218
ORDER RESTRICTED	P=0.204	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.222	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Clitoral Gland Hyperplasia				
LESION RATES				
OVERALL (a)	8/50 (16%)	10/50 (20%)	11/50 (22%)	4/50 (8%)
POLY-3 RATE (b)	8/45.44	10/45.93	11/45.50	4/47.29
POLY-3 PERCENT (g)	17.6%	21.8%	24.2%	8.5%
TERMINAL (d)	7/36 (19%)	9/35 (26%)	8/36 (22%)	3/40 (8%)
FIRST INCIDENCE	704	647	607	675
STATISTICAL TESTS				
LIFE TABLE	P=0.040N*	P=0.371	P=0.305	P=0.137N
POLY 3	P=0.050N*	P=0.406	P=0.304	P=0.158N
POLY 1.5	P=0.055N	P=0.406	P=0.305	P=0.165N
POLY 6	P=0.045N*	P=0.399	P=0.304	P=0.152N
LOGISTIC REGRESSION	P=0.051N	P=0.377	P=0.287	P=0.153N
COCH-ARM / FISHERS	P=0.065N	P=0.398	P=0.306	P=0.178N
ORDER RESTRICTED	P=0.079N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.083N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Clitoral Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	4/50 (8%)	5/50 (10%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	4/45.44	5/45.80	3/45.35	3/47.31
POLY-3 PERCENT (g)	8.8%	10.9%	6.6%	6.3%
TERMINAL (d)	3/36 (8%)	4/35 (11%)	2/36 (6%)	2/40 (5%)
FIRST INCIDENCE	704	684	476	669
STATISTICAL TESTS				
LIFE TABLE	P=0.321N	P=0.479	P=0.504N	P=0.449N
POLY 3	P=0.359N	P=0.505	P=0.501N	P=0.478N
POLY 1.5	P=0.369N	P=0.505	P=0.499N	P=0.485N
POLY 6	P=0.349N	P=0.500	P=0.506N	P=0.471N
LOGISTIC REGRESSION	P=0.381N	P=0.492	P=0.497N	P=0.479N
COCH-ARM / FISHERS	P=0.383N	P=0.500	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.427N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.441N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Eye Cataract				
LESION RATES				
OVERALL (a)	2/47 (4%)	2/49 (4%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	2/42.42	2/45.35	1/44.62	2/47.08
POLY-3 PERCENT (g)	4.7%	4.4%	2.2%	4.3%
TERMINAL (d)	2/35 (6%)	1/35 (3%)	1/36 (3%)	2/40 (5%)
FIRST INCIDENCE	729 (T)	647	729 (T)	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.635N	P=0.691N	P=0.490N	P=0.646N
POLY 3	P=0.637	P=0.670N	P=0.482N	P=0.656N
POLY 1.5	P=0.632	P=0.672N	P=0.480N	P=0.661N
POLY 6	P=0.643	P=0.669N	P=0.486N	P=0.652N
LOGISTIC REGRESSION	P=0.642	P=0.676N	P=0.490N	P=0.646N
COCH-ARM / FISHERS	P=0.623	P=0.676N	P=0.477N	P=0.668N
ORDER RESTRICTED	P=0.571N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.579N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Eye: Retina
Degeneration

LESION RATES

OVERALL (a)	1/47 (2%)	2/49 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/42.42	2/45.35	1/44.62	1/47.08
POLY-3 PERCENT (g)	2.4%	4.4%	2.2%	2.1%
TERMINAL (d)	1/35 (3%)	1/35 (3%)	1/36 (3%)	1/40 (3%)
FIRST INCIDENCE	729 (T)	647	729 (T)	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.517N	P=0.503	P=0.756N	P=0.732N
POLY 3	P=0.529N	P=0.523	P=0.749N	P=0.737N
POLY 1.5	P=0.534N	P=0.521	P=0.748N	P=0.740N
POLY 6	P=0.524N	P=0.524	P=0.752N	P=0.734N
LOGISTIC REGRESSION	P=0.532N	P=0.515	P=0.756N	P=0.732N
COCH-ARM / FISHERS	P=0.544N	P=0.516	P=0.737N	P=0.737N
ORDER RESTRICTED	P=0.561N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.569N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Heart Cardiomyopathy				
LESION RATES				
OVERALL (a)	44/50 (88%)	44/50 (88%)	47/50 (94%)	46/50 (92%)
POLY-3 RATE (b)	44/48.71	44/49.26	47/49.28	46/49.09
POLY-3 PERCENT (g)	90.3%	89.3%	95.4%	93.7%
TERMINAL (d)	32/36 (89%)	32/35 (91%)	34/36 (94%)	38/40 (95%)
FIRST INCIDENCE	410	490	432	603
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.278N	P=0.496	P=0.335	P=0.402N
POLY 3	P=0.340	P=0.570N	P=0.275	P=0.399
POLY 1.5	P=0.351	P=0.579N	P=0.260	P=0.398
POLY 6	P=0.317	P=0.588N	P=0.294	P=0.379
LOGISTIC REGRESSION	P=0.449	P=0.583N	P=0.231	P=0.526
COCH-ARM / FISHERS	P=0.349	P=0.620N	P=0.243	P=0.370
ORDER RESTRICTED	P=0.289	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.301	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Heart Thrombosis				
LESION RATES				
OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/45.75	0/45.63	0/44.62	0/47.08
POLY-3 PERCENT (g)	6.6%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	669	---	---	---
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.209N	P=0.137N	P=0.134N	P=0.113N
POLY 3	P=0.213N	P=0.119N	P=0.123N	P=0.114N
POLY 1.5	P=0.217N	P=0.118N	P=0.121N	P=0.115N
POLY 6	P=0.207N	P=0.122N	P=0.127N	P=0.113N
LOGISTIC REGRESSION	P=0.228N	P=0.122N	P=0.120N	P=0.126N
COCH-ARM / FISHERS	P=0.223N	P=0.121N	P=0.121N	P=0.121N
ORDER RESTRICTED	P=0.007N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.010N**	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Islets, Pancreatic Hyperplasia				
LESION RATES				
OVERALL (a)	1/49 (2%)	2/50 (4%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/44.34	2/45.63	3/44.62	1/47.08
POLY-3 PERCENT (g)	2.3%	4.4%	6.7%	2.1%
TERMINAL (d)	1/35 (3%)	2/35 (6%)	3/36 (8%)	1/40 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.408N	P=0.500	P=0.315	P=0.732N
POLY 3	P=0.443N	P=0.510	P=0.307	P=0.747N
POLY 1.5	P=0.450N	P=0.510	P=0.310	P=0.750N
POLY 6	P=0.435N	P=0.507	P=0.303	P=0.745N
LOGISTIC REGRESSION	P=0.408N	P=0.500	P=0.315	P=0.732N
COCH-ARM / FISHERS	P=0.462N	P=0.508	P=0.316	P=0.747N
ORDER RESTRICTED	P=0.448N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.461N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Kidney Infarct				
LESION RATES				
OVERALL (a)	0/47 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.42	0/45.63	0/44.62	0/47.08
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Kidney Nephropathy				
LESION RATES				
OVERALL (a)	46/47 (98%)	47/50 (94%)	48/50 (96%)	50/50 (100%)
POLY-3 RATE (b)	46/46.18	47/48.26	48/48.55	50/50.00
POLY-3 PERCENT (g)	99.6%	97.4%	98.9%	100%
TERMINAL (d)	35/35 (100%)	35/35 (100%)	36/36 (100%)	40/40 (100%)
FIRST INCIDENCE	396	646	432	586
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.343N	P=0.489	P=0.475	P=0.449N
POLY 3	P=0.419	P=0.472N	P=0.930N	P=1.000
POLY 1.5	P=0.247	P=0.355N	P=0.683N	P=0.908
POLY 6	P=0.909	P=0.890N	P=1.000N	P=1.000
LOGISTIC REGRESSION	P=0.484	P=0.067N	P=0.417N	(e)
COCH-ARM / FISHERS	P=0.162	P=0.332N	P=0.523N	P=0.485
ORDER RESTRICTED	P=0.182	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.200	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Kidney: Pelvis Dilatation				
LESION RATES				
OVERALL (a)	0/47 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/42.42	0/45.63	0/44.62	0/47.08
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/35 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Kidney: Renal Tubule Hyperplasia				
LESION RATES				
OVERALL (a)	1/47 (2%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/42.42	0/45.63	1/44.71	2/47.08
POLY-3 PERCENT (g)	2.4%	0%	2.2%	4.3%
TERMINAL (d)	1/35 (3%)	0/35 (0%)	0/36 (0%)	2/40 (5%)
FIRST INCIDENCE	729 (T)	---	708	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.286	P=0.500N	P=0.757N	P=0.547
POLY 3	P=0.262	P=0.485N	P=0.749N	P=0.536
POLY 1.5	P=0.258	P=0.486N	P=0.748N	P=0.531
POLY 6	P=0.268	P=0.487N	P=0.751N	P=0.540
LOGISTIC REGRESSION	P=0.275	(e)	P=0.754N	P=0.547
COCH-ARM / FISHERS	P=0.251	P=0.485N	P=0.737N	P=0.523
ORDER RESTRICTED	P=0.255	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.277	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Kidney: Transitional Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/47 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/42.42	0/45.63	1/44.62	0/47.08
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/35 (0%)	0/35 (0%)	1/36 (3%)	0/40 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.739N	(e)	P=0.506	(e)
POLY 3	P=0.753N	(e)	P=0.510	(e)
POLY 1.5	P=0.755N	(e)	P=0.511	(e)
POLY 6	P=0.750N	(e)	P=0.508	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.506	(e)
COCH-ARM / FISHERS	P=0.759N	(e)	P=0.515	(e)
ORDER RESTRICTED	P=0.391	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.409	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver				
Angiectasis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/45.34	0/45.63	0/44.62	1/47.08
POLY-3 PERCENT (g)	0%	0%	0%	2.1%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	1/40 (3%)
FIRST INCIDENCE	---	---	---	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.259	(e)	(e)	P=0.521
POLY 3	P=0.243	(e)	(e)	P=0.508
POLY 1.5	P=0.241	(e)	(e)	P=0.505
POLY 6	P=0.245	(e)	(e)	P=0.510
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.521
COCH-ARM / FISHERS	P=0.237	(e)	(e)	P=0.500
ORDER RESTRICTED	P=0.126	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.143	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver Basophilic Focus				
LESION RATES				
OVERALL (a)	41/50 (82%)	44/50 (88%)	46/50 (92%)	44/50 (88%)
POLY-3 RATE (b)	41/48.66	44/49.12	46/48.77	44/48.48
POLY-3 PERCENT (g)	84.3%	89.6%	94.3%	90.8%
TERMINAL (d)	32/36 (89%)	32/35 (91%)	35/36 (97%)	39/40 (98%)
FIRST INCIDENCE	396	490	432	603
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.231N	P=0.291	P=0.199	P=0.491N
POLY 3	P=0.369	P=0.310	P=0.088	P=0.243
POLY 1.5	P=0.407	P=0.304	P=0.100	P=0.270
POLY 6	P=0.303	P=0.314	P=0.074	P=0.198
LOGISTIC REGRESSION	P=0.556	P=0.312	P=0.108	P=0.407
COCH-ARM / FISHERS	P=0.435	P=0.288	P=0.117	P=0.288
ORDER RESTRICTED	P=0.117	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.128	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Liver
Clear Cell Focus

LESION RATES

OVERALL (a)	27/50 (54%)	23/50 (46%)	22/50 (44%)	21/50 (42%)
POLY-3 RATE (b)	27/46.78	23/46.64	22/45.88	21/47.08
POLY-3 PERCENT (g)	57.7%	49.3%	48%	44.6%
TERMINAL (d)	23/36 (64%)	19/35 (54%)	18/36 (50%)	21/40 (53%)
FIRST INCIDENCE	579	647	607	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.090N	P=0.315N	P=0.219N	P=0.059N
POLY 3	P=0.201N	P=0.269N	P=0.228N	P=0.139N
POLY 1.5	P=0.209N	P=0.266N	P=0.220N	P=0.142N
POLY 6	P=0.199N	P=0.281N	P=0.238N	P=0.143N
LOGISTIC REGRESSION	P=0.151N	P=0.258N	P=0.230N	P=0.104N
COCH-ARM / FISHERS	P=0.230N	P=0.274N	P=0.212N	P=0.158N
ORDER RESTRICTED	P=0.151N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.164N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver Eosinophilic Focus				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/45.34	1/45.87	1/44.97	1/47.08
POLY-3 PERCENT (g)	0%	2.2%	2.2%	2.1%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	1/40 (3%)
FIRST INCIDENCE	---	666	634	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.568	P=0.500	P=0.500	P=0.521
POLY 3	P=0.563	P=0.502	P=0.498	P=0.508
POLY 1.5	P=0.559	P=0.502	P=0.499	P=0.505
POLY 6	P=0.567	P=0.501	P=0.497	P=0.510
LOGISTIC REGRESSION	P=0.523	P=0.482	P=0.499	P=0.521
COCH-ARM / FISHERS	P=0.551	P=0.500	P=0.500	P=0.500
ORDER RESTRICTED	P=0.326	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.345	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver Hemorrhage				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/45.34	1/45.63	1/44.62	0/47.08
POLY-3 PERCENT (g)	2.2%	2.2%	2.2%	0%
TERMINAL (d)	1/36 (3%)	1/35 (3%)	1/36 (3%)	0/40 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.311N	P=0.756	P=0.762	P=0.479N
POLY 3	P=0.330N	P=0.759N	P=0.757	P=0.492N
POLY 1.5	P=0.333N	P=0.759N	P=0.759	P=0.495N
POLY 6	P=0.325N	P=0.760	P=0.755	P=0.490N
LOGISTIC REGRESSION	P=0.311N	P=0.756	P=0.762	(e)
COCH-ARM / FISHERS	P=0.339N	P=0.753N	P=0.753N	P=0.500N
ORDER RESTRICTED	P=0.320N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.338N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver				
Hepatodiaphragmatic Nodule				
LESION RATES				
OVERALL (a)	8/50 (16%)	8/50 (16%)	8/50 (16%)	8/50 (16%)
POLY-3 RATE (b)	8/46.30	8/46.97	8/45.08	8/47.54
POLY-3 PERCENT (g)	17.3%	17%	17.8%	16.8%
TERMINAL (d)	4/36 (11%)	4/35 (11%)	6/36 (17%)	6/40 (15%)
FIRST INCIDENCE	579	490	669	646
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.473N	P=0.582	P=0.588	P=0.537N
POLY 3	P=0.549N	P=0.595N	P=0.585	P=0.585N
POLY 1.5	P=0.558N	P=0.596N	P=0.596	P=0.591N
POLY 6	P=0.540N	P=0.602N	P=0.570	P=0.583N
LOGISTIC REGRESSION	P=0.567	P=0.587	P=0.602	P=0.604
COCH-ARM / FISHERS	P=0.575	P=0.607N	P=0.607N	P=0.607N
ORDER RESTRICTED	P=0.719N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.718N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver Inflammation Chronic				
LESION RATES				
OVERALL (a)	3/50 (6%)	1/50 (2%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	3/45.35	1/46.25	4/45.64	2/47.56
POLY-3 PERCENT (g)	6.6%	2.2%	8.8%	4.2%
TERMINAL (d)	2/36 (6%)	0/35 (0%)	2/36 (6%)	1/40 (3%)
FIRST INCIDENCE	727	528	432	586
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.494N	P=0.316N	P=0.499	P=0.459N
POLY 3	P=0.524N	P=0.298N	P=0.504	P=0.478N
POLY 1.5	P=0.532N	P=0.300N	P=0.503	P=0.486N
POLY 6	P=0.513N	P=0.299N	P=0.502	P=0.471N
LOGISTIC REGRESSION	P=0.624	P=0.321N	P=0.505	P=0.512N
COCH-ARM / FISHERS	P=0.545N	P=0.309N	P=0.500	P=0.500N
ORDER RESTRICTED	P=0.483N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.494N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver				
Mixed Cell Focus				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	0/45.34	1/45.87	4/44.62	3/47.08
POLY-3 PERCENT (g)	0%	2.2%	9%	6.4%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	4/36 (11%)	3/40 (8%)
FIRST INCIDENCE	---	666	729 (T)	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.243	P=0.500	P=0.063	P=0.140
POLY 3	P=0.209	P=0.502	P=0.058	P=0.126
POLY 1.5	P=0.204	P=0.502	P=0.059	P=0.124
POLY 6	P=0.214	P=0.501	P=0.056	P=0.127
LOGISTIC REGRESSION	P=0.221	P=0.482	P=0.063	P=0.140
COCH-ARM / FISHERS	P=0.196	P=0.500	P=0.059	P=0.121
ORDER RESTRICTED	P=0.051	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.063	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver Necrosis Focal				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	2/45.34	0/45.63	2/45.07	3/47.39
POLY-3 PERCENT (g)	4.4%	0%	4.4%	6.3%
TERMINAL (d)	2/36 (6%)	0/35 (0%)	1/36 (3%)	2/40 (5%)
FIRST INCIDENCE	729 (T)	---	600	646
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.254	P=0.244N	P=0.689N	P=0.540
POLY 3	P=0.230	P=0.236N	P=0.692	P=0.520
POLY 1.5	P=0.224	P=0.236N	P=0.693	P=0.513
POLY 6	P=0.239	P=0.238N	P=0.690	P=0.527
LOGISTIC REGRESSION	P=0.209	(e)	P=0.695N	P=0.511
COCH-ARM / FISHERS	P=0.215	P=0.247N	P=0.691N	P=0.500
ORDER RESTRICTED	P=0.235	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.254	(e)	(e)	(e)
.....				

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Species/Strain: RATS/F 344

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Liver Thrombosis				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.72	1/45.80	0/44.62	1/47.29
POLY-3 PERCENT (g)	4.4%	2.2%	0%	2.1%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	656	684	---	675
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.572N	P=0.515N	P=0.259N	P=0.486N
POLY 3	P=0.587N	P=0.499N	P=0.243N	P=0.488N
POLY 1.5	P=0.591N	P=0.498N	P=0.240N	P=0.492N
POLY 6	P=0.581N	P=0.504N	P=0.247N	P=0.486N
LOGISTIC REGRESSION	P=0.632N	P=0.515N	P=0.236N	P=0.550N
COCH-ARM / FISHERS	P=0.598N	P=0.500N	P=0.247N	P=0.500N
ORDER RESTRICTED	P=0.218N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.235N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
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Species/Strain: RATS/F 344

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Liver: Bile Duct
Hyperplasia

LESION RATES

OVERALL (a)	3/50 (6%)	6/50 (12%)	5/50 (10%)	2/50 (4%)
POLY-3 RATE (b)	3/45.68	6/45.89	5/44.85	2/47.67
POLY-3 PERCENT (g)	6.6%	13.1%	11.2%	4.2%
TERMINAL (d)	1/36 (3%)	4/35 (11%)	4/36 (11%)	0/40 (0%)
FIRST INCIDENCE	669	684	669	604

STATISTICAL TESTS

LIFE TABLE	P=0.162N	P=0.231	P=0.351	P=0.470N
POLY 3	P=0.175N	P=0.244	P=0.346	P=0.481N
POLY 1.5	P=0.184N	P=0.246	P=0.352	P=0.487N
POLY 6	P=0.167N	P=0.238	P=0.338	P=0.475N
LOGISTIC REGRESSION	P=0.193N	P=0.245	P=0.349	P=0.561N
COCH-ARM / FISHERS	P=0.198N	P=0.243	P=0.357	P=0.500N
ORDER RESTRICTED	P=0.233N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.252N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Liver: Centrilobular
Necrosis

LESION RATES

OVERALL (a)	4/50 (8%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	4/46.95	1/46.33	1/45.42	1/47.23
POLY-3 PERCENT (g)	8.5%	2.2%	2.2%	2.1%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	410	490	432	690

STATISTICAL TESTS

LIFE TABLE	P=0.289N	P=0.188N	P=0.187N	P=0.168N
POLY 3	P=0.298N	P=0.183N	P=0.189N	P=0.177N
POLY 1.5	P=0.302N	P=0.180N	P=0.184N	P=0.177N
POLY 6	P=0.291N	P=0.189N	P=0.196N	P=0.178N
LOGISTIC REGRESSION	P=0.568N	P=0.277N	P=0.151N	P=0.340N
COCH-ARM / FISHERS	P=0.307N	P=0.181N	P=0.181N	P=0.181N
ORDER RESTRICTED	P=0.074N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.084N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Liver: Hepatocyte
Vacuolization Cytoplasmic

LESION RATES

OVERALL (a)	6/50 (12%)	3/50 (6%)	6/50 (12%)	5/50 (10%)
POLY-3 RATE (b)	6/45.85	3/46.00	6/45.93	5/48.02
POLY-3 PERCENT (g)	13.1%	6.5%	13.1%	10.4%
TERMINAL (d)	2/36 (6%)	0/35 (0%)	3/36 (8%)	2/40 (5%)
FIRST INCIDENCE	669	684	476	586

STATISTICAL TESTS

LIFE TABLE	P=0.546N	P=0.279N	P=0.598	P=0.446N
POLY 3	P=0.584N	P=0.240N	P=0.620N	P=0.468N
POLY 1.5	P=0.587	P=0.239N	P=0.618N	P=0.478N
POLY 6	P=0.568N	P=0.246N	P=0.618	P=0.460N
LOGISTIC REGRESSION	P=0.509	P=0.241N	P=0.616N	P=0.544N
COCH-ARM / FISHERS	P=0.565	P=0.243N	P=0.620N	P=0.500N
ORDER RESTRICTED	P=0.499N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.510N	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Lung				
Foreign Body				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/45.34	0/45.63	0/44.62	2/47.31
POLY-3 PERCENT (g)	0%	0%	0%	4.2%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	1/40 (3%)
FIRST INCIDENCE	---	---	---	669
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.055	(e)	(e)	P=0.262
POLY 3	P=0.044*	(e)	(e)	P=0.247
POLY 1.5	P=0.044*	(e)	(e)	P=0.244
POLY 6	P=0.046*	(e)	(e)	P=0.250
LOGISTIC REGRESSION	P=0.041*	(e)	(e)	P=0.228
COCH-ARM / FISHERS	P=0.043*	(e)	(e)	P=0.247
ORDER RESTRICTED	P=0.034*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.044*	(e)	(e)	(e)
.....				

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Species/Strain: RATS/F 344

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Lung Hemorrhage				
LESION RATES				
OVERALL (a)	3/50 (6%)	1/50 (2%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	3/46.61	1/45.63	1/45.35	4/47.31
POLY-3 PERCENT (g)	6.4%	2.2%	2.2%	8.5%
TERMINAL (d)	1/36 (3%)	1/35 (3%)	0/36 (0%)	3/40 (8%)
FIRST INCIDENCE	410	729 (T)	474	669
STATISTICAL TESTS				
LIFE TABLE	P=0.229	P=0.307N	P=0.303N	P=0.546
POLY 3	P=0.199	P=0.313N	P=0.315N	P=0.508
POLY 1.5	P=0.195	P=0.309N	P=0.311N	P=0.506
POLY 6	P=0.206	P=0.320N	P=0.321N	P=0.510
LOGISTIC REGRESSION	P=0.096	P=0.393N	P=0.298N	P=0.360
COCH-ARM / FISHERS	P=0.188	P=0.309N	P=0.309N	P=0.500
ORDER RESTRICTED	P=0.216	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.229	(e)	(e)	(e)

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Species/Strain: RATS/F 344

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Lung Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	49/50 (98%)	47/50 (94%)	47/50 (94%)	46/50 (92%)
POLY-3 RATE (b)	49/49.77	47/49.58	47/50.00	46/49.77
POLY-3 PERCENT (g)	98.5%	94.8%	94%	92.4%
TERMINAL (d)	36/36 (100%)	33/35 (94%)	33/36 (92%)	37/40 (93%)
FIRST INCIDENCE	396	490	432	586
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.087N	P=0.508N	P=0.450N	P=0.099N
POLY 3	P=0.223N	P=0.316N	P=0.257N	P=0.159N
POLY 1.5	P=0.231N	P=0.312N	P=0.280N	P=0.168N
POLY 6	P=0.215N	P=0.316N	P=0.221N	P=0.144N
LOGISTIC REGRESSION	P=0.250N	P=0.292N	P=0.298N	P=0.177N
COCH-ARM / FISHERS	P=0.243N	P=0.309N	P=0.309N	P=0.181N
ORDER RESTRICTED	P=0.122N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.133N	(e)	(e)	(e)
.....				

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Species/Strain: RATS/F 344

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Lung Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/50 (4%)	4/50 (8%)	3/50 (6%)	8/50 (16%)
POLY-3 RATE (b)	2/45.34	4/45.91	3/44.93	8/47.56
POLY-3 PERCENT (g)	4.4%	8.7%	6.7%	16.8%
TERMINAL (d)	2/36 (6%)	3/35 (9%)	2/36 (6%)	7/40 (18%)
FIRST INCIDENCE	729 (T)	652	646	586
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.045*	P=0.327	P=0.498	P=0.067
POLY 3	P=0.031*	P=0.343	P=0.496	P=0.054
POLY 1.5	P=0.029*	P=0.342	P=0.498	P=0.051
POLY 6	P=0.033*	P=0.340	P=0.493	P=0.056
LOGISTIC REGRESSION	P=0.031*	P=0.337	P=0.493	P=0.053
COCH-ARM / FISHERS	P=0.027*	P=0.339	P=0.500	P=0.046*
ORDER RESTRICTED	P=0.026*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	(e)
.....				

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Lung				
Metaplasia Osseous				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.58	2/45.91	1/44.62	0/47.08
POLY-3 PERCENT (g)	4.4%	4.4%	2.2%	0%
TERMINAL (d)	1/36 (3%)	1/35 (3%)	1/36 (3%)	0/40 (0%)
FIRST INCIDENCE	666	652	729 (T)	---
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.152N	P=0.687	P=0.508N	P=0.223N
POLY 3	P=0.158N	P=0.691N	P=0.507N	P=0.230N
POLY 1.5	P=0.161N	P=0.691N	P=0.504N	P=0.232N
POLY 6	P=0.155N	P=0.693	P=0.513N	P=0.229N
LOGISTIC REGRESSION	P=0.166N	P=0.691	P=0.504N	P=0.243N
COCH-ARM / FISHERS	P=0.165N	P=0.691N	P=0.500N	P=0.247N
ORDER RESTRICTED	P=0.150N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.167N	(e)	(e)	(e)
.....				

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Species/Strain: RATS/F 344

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	6/50 (12%)	5/50 (10%)	6/50 (12%)	4/50 (8%)
POLY-3 RATE (b)	6/45.34	5/45.93	6/44.97	4/47.54
POLY-3 PERCENT (g)	13.2%	10.9%	13.3%	8.4%
TERMINAL (d)	6/36 (17%)	4/35 (11%)	5/36 (14%)	2/40 (5%)
FIRST INCIDENCE	729 (T)	647	634	604
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.274N	P=0.517N	P=0.621	P=0.310N
POLY 3	P=0.311N	P=0.491N	P=0.615	P=0.340N
POLY 1.5	P=0.324N	P=0.492N	P=0.618	P=0.351N
POLY 6	P=0.295N	P=0.494N	P=0.611	P=0.330N
LOGISTIC REGRESSION	P=0.315N	P=0.510N	P=0.599	P=0.347N
COCH-ARM / FISHERS	P=0.343N	P=0.500N	P=0.620N	P=0.370N
ORDER RESTRICTED	P=0.371N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.389N	(e)	(e)	(e)
.....				

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Route: DOSED FEED
Species/Strain: RATS/F 344

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lymph Node, Mesenteric
Ectasia

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.34	0/45.63	1/44.71	0/47.08
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	---	---	708	---

STATISTICAL TESTS

LIFE TABLE	P=0.742N	(e)	P=0.495	(e)
POLY 3	P=0.757N	(e)	P=0.497	(e)
POLY 1.5	P=0.759N	(e)	P=0.499	(e)
POLY 6	P=0.755N	(e)	P=0.495	(e)
LOGISTIC REGRESSION	P=0.761N	(e)	P=0.498	(e)
COCH-ARM / FISHERS	P=0.763N	(e)	P=0.500	(e)
ORDER RESTRICTED	P=0.379	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.395	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lymph Node: Mediastinal
Ectasia

LESION RATES

OVERALL (a)	3/9 (33%)	2/10 (20%)	1/11 (9%)	1/7 (14%)
POLY-3 RATE (b)	3/7.77	2/9.29	1/9.75	1/6.32
POLY-3 PERCENT (g)	38.6%	21.5%	10.3%	15.8%
TERMINAL (d)	1/3 (33%)	0/5 (0%)	0/7 (0%)	0/3 (0%)
FIRST INCIDENCE	410	666	634	646

STATISTICAL TESTS

LIFE TABLE	P=0.323N	P=0.455N	P=0.247N	P=0.301N
POLY 3	P=0.440N	P=0.408N	P=0.200N	P=0.366N
POLY 1.5	P=0.439N	P=0.426N	P=0.209N	P=0.377N
POLY 6	P=0.442N	P=0.384N	P=0.184N	P=0.350N
LOGISTIC REGRESSION	P=0.522N	P=0.688N	P=0.300N	P=0.554N
COCH-ARM / FISHERS	P=0.438N	P=0.444N	P=0.217N	P=0.392N
ORDER RESTRICTED	P=0.221N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.215N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lymph Node: Mediastinal
Hemorrhage

LESION RATES

OVERALL (a)	2/9 (22%)	2/10 (20%)	3/11 (27%)	0/7 (0%)
POLY-3 RATE (b)	2/7.49	2/9.40	3/9.75	0/6.01
POLY-3 PERCENT (g)	26.7%	21.3%	30.8%	0%
TERMINAL (d)	1/3 (33%)	0/5 (0%)	2/7 (29%)	0/3 (0%)
FIRST INCIDENCE	410	646	634	---

STATISTICAL TESTS

LIFE TABLE	P=0.170N	P=0.643N	P=0.658N	P=0.238N
POLY 3	P=0.211N	P=0.618N	P=0.632	P=0.272N
POLY 1.5	P=0.207N	P=0.639N	P=0.613	P=0.278N
POLY 6	P=0.219N	P=0.585N	P=0.669	P=0.263N
LOGISTIC REGRESSION	P=0.231N	P=0.510	P=0.554	P=0.458N
COCH-ARM / FISHERS	P=0.199N	P=0.667N	P=0.604	P=0.300N
ORDER RESTRICTED	P=0.231N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.225N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Lymph Node: Mediastinal Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	1/9 (11%)	0/10 (0%)	2/11 (18%)	1/7 (14%)
POLY-3 RATE (b)	1/6.67	0/8.81	2/9.41	1/6.01
POLY-3 PERCENT (g)	15%	0%	21.3%	16.6%
TERMINAL (d)	1/3 (33%)	0/5 (0%)	2/7 (29%)	1/3 (33%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.514	P=0.398N	P=0.716N	P=0.785
POLY 3	P=0.532	P=0.444N	P=0.624	P=0.745
POLY 1.5	P=0.529	P=0.457N	P=0.602	P=0.729
POLY 6	P=0.535	P=0.429N	P=0.655	P=0.763
LOGISTIC REGRESSION	P=0.514	(e)	P=0.716N	P=0.785
COCH-ARM / FISHERS	P=0.522	P=0.474N	P=0.579	P=0.700
ORDER RESTRICTED	P=0.429	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.417	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Lymph Node: Mediastinal Pigmentation				
LESION RATES				
OVERALL (a)	2/9 (22%)	0/10 (0%)	0/11 (0%)	0/7 (0%)
POLY-3 RATE (b)	2/6.94	0/8.81	0/9.41	0/6.01
POLY-3 PERCENT (g)	28.8%	0%	0%	0%
TERMINAL (d)	1/3 (33%)	0/5 (0%)	0/7 (0%)	0/3 (0%)
FIRST INCIDENCE	656	---	---	---
STATISTICAL TESTS				
LIFE TABLE	P=0.373N	P=0.187N	P=0.159N	P=0.237N
POLY 3	P=0.430N	P=0.166N	P=0.153N	P=0.251N
POLY 1.5	P=0.420N	P=0.178N	P=0.163N	P=0.263N
POLY 6	P=0.439N	P=0.156N	P=0.141N	P=0.241N
LOGISTIC REGRESSION	P=0.399N	P=0.162N	P=0.151N	P=0.241N
COCH-ARM / FISHERS	P=0.407N	P=0.211N	P=0.189N	P=0.300N
ORDER RESTRICTED	P=0.032N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.025N*	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lymph Node: Mediastinal
Pigmentation Hemosiderin

LESION RATES

OVERALL (a)	0/9 (0%)	2/10 (20%)	0/11 (0%)	0/7 (0%)
POLY-3 RATE (b)	0/6.67	2/9.29	0/9.41	0/6.01
POLY-3 PERCENT (g)	0%	21.5%	0%	0%
TERMINAL (d)	0/3 (0%)	0/5 (0%)	0/7 (0%)	0/3 (0%)
FIRST INCIDENCE	---	666	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.383N	P=0.238	(e)	(e)
POLY 3	P=0.428N	P=0.307	(e)	(e)
POLY 1.5	P=0.443N	P=0.284	(e)	(e)
POLY 6	P=0.412N	P=0.339	(e)	(e)
LOGISTIC REGRESSION	P=0.480N	P=0.221	(e)	(e)
COCH-ARM / FISHERS	P=0.469N	P=0.263	(e)	(e)
ORDER RESTRICTED	P=0.318N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.303N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Lymph Node: Pancreatic
Ectasia

LESION RATES

OVERALL (a)	0/9 (0%)	0/10 (0%)	1/11 (9%)	0/7 (0%)
POLY-3 RATE (b)	0/6.67	0/8.81	1/9.63	0/6.01
POLY-3 PERCENT (g)	0%	0%	10.4%	0%
TERMINAL (d)	0/3 (0%)	0/5 (0%)	0/7 (0%)	0/3 (0%)
FIRST INCIDENCE	---	---	669	---

STATISTICAL TESTS

LIFE TABLE	P=0.750N	(e)	P=0.485	(e)
POLY 3	P=0.816N	(e)	P=0.572	(e)
POLY 1.5	P=0.818N	(e)	P=0.558	(e)
POLY 6	P=0.814N	(e)	P=0.592	(e)
LOGISTIC REGRESSION	P=0.834N	(e)	P=0.544	(e)
COCH-ARM / FISHERS	P=0.827N	(e)	P=0.550	(e)
ORDER RESTRICTED	P=0.452	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.440	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Lymph Node: Pancreatic Hemorrhage				
LESION RATES				
OVERALL (a)	0/9 (0%)	1/10 (10%)	1/11 (9%)	1/7 (14%)
POLY-3 RATE (b)	0/6.67	1/8.81	1/9.41	1/6.01
POLY-3 PERCENT (g)	0%	11.4%	10.6%	16.6%
TERMINAL (d)	0/3 (0%)	1/5 (20%)	1/7 (14%)	1/3 (33%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.448	P=0.602	P=0.669	P=0.500
POLY 3	P=0.491	P=0.555	P=0.568	P=0.479
POLY 1.5	P=0.480	P=0.542	P=0.556	P=0.467
POLY 6	P=0.501	P=0.569	P=0.584	P=0.491
LOGISTIC REGRESSION	(e)	P=0.602	P=0.669	P=0.500
COCH-ARM / FISHERS	P=0.460	P=0.526	P=0.550	P=0.438
ORDER RESTRICTED	P=0.303	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.289	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Mammary Gland Cyst				
LESION RATES				
OVERALL (a)	8/50 (16%)	2/49 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	8/47.08	2/45.35	0/44.62	1/47.56
POLY-3 PERCENT (g)	17%	4.4%	0%	2.1%
TERMINAL (d)	2/36 (6%)	0/34 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	586	608	---	586
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.066N	P=0.058N	P=0.007N**	P=0.017N*
POLY 3	P=0.056N	P=0.052N	P=0.005N**	P=0.015N*
POLY 1.5	P=0.059N	P=0.050N*	P=0.004N**	P=0.015N*
POLY 6	P=0.052N	P=0.056N	P=0.006N**	P=0.016N*
LOGISTIC REGRESSION	P=0.096N	P=0.061N	P=0.004N**	P=0.032N*
COCH-ARM / FISHERS	P=0.069N	P=0.049N*	P=0.003N**	P=0.015N*
ORDER RESTRICTED	P<0.001N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001N**	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Mammary Gland Hyperplasia				
LESION RATES				
OVERALL (a)	37/50 (74%)	38/49 (78%)	33/50 (66%)	42/50 (84%)
POLY-3 RATE (b)	37/47.83	38/47.03	33/47.60	42/49.54
POLY-3 PERCENT (g)	77.4%	80.8%	69.3%	84.8%
TERMINAL (d)	27/36 (75%)	30/34 (88%)	24/36 (67%)	34/40 (85%)
FIRST INCIDENCE	586	490	432	586
STATISTICAL TESTS				
LIFE TABLE	P=0.469	P=0.368	P=0.324N	P=0.483
POLY 3	P=0.174	P=0.434	P=0.252N	P=0.246
POLY 1.5	P=0.146	P=0.454	P=0.246N	P=0.219
POLY 6	P=0.207	P=0.357	P=0.274N	P=0.258
LOGISTIC REGRESSION	P=0.155	P=0.466	P=0.268N	P=0.220
COCH-ARM / FISHERS	P=0.111	P=0.430	P=0.257N	P=0.163
ORDER RESTRICTED	P=0.209	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.228	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Mesentery				
Accessory Spleen				
LESION RATES				
OVERALL (a)	0/11 (0%)	0/6 (0%)	1/7 (14%)	2/13 (15%)
POLY-3 RATE (b)	0/9.35	0/5.30	1/6.70	2/12.62
POLY-3 PERCENT (g)	0%	0%	14.9%	15.9%
TERMINAL (d)	0/7 (0%)	0/5 (0%)	1/6 (17%)	2/11 (18%)
FIRST INCIDENCE	---	---	729 (T)	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.247	(e)	P=0.469	P=0.339
POLY 3	P=0.251	(e)	P=0.432	P=0.302
POLY 1.5	P=0.236	(e)	P=0.423	P=0.290
POLY 6	P=0.265	(e)	P=0.440	P=0.315
LOGISTIC REGRESSION	(e)	(e)	P=0.469	P=0.339
COCH-ARM / FISHERS	P=0.206	(e)	P=0.389	P=0.283
ORDER RESTRICTED	P=0.117	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.211	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Mesentery: Fat
Necrosis

LESION RATES

OVERALL (a)	11/11 (100%)	6/6 (100%)	5/7 (71%)	12/13 (92%)
POLY-3 RATE (b)	11/11.00	6/6.00	5/7.00	12/13.00
POLY-3 PERCENT (g)	100%	100%	71.4%	92.3%
TERMINAL (d)	7/7 (100%)	5/5 (100%)	4/6 (67%)	10/11 (91%)
FIRST INCIDENCE	410	490	647	669

STATISTICAL TESTS

LIFE TABLE	P=0.486N	(e)	P=0.061N	P=0.234N
POLY 3	P=0.601N	(e)	P=0.121N	P=0.533N
POLY 1.5	P=0.601N	(e)	P=0.121N	P=0.533N
POLY 6	P=0.601N	(e)	P=0.121N	P=0.533N
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.599N	(e)	P=0.137N	P=0.542N
ORDER RESTRICTED	P=0.095N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.155N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Nose				
Foreign Body				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/45.34	1/45.74	0/44.62	1/47.08
POLY-3 PERCENT (g)	0%	2.2%	0%	2.1%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	1/40 (3%)
FIRST INCIDENCE	---	701	---	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.508	P=0.484	(e)	P=0.521
POLY 3	P=0.496	P=0.502	(e)	P=0.508
POLY 1.5	P=0.493	P=0.502	(e)	P=0.505
POLY 6	P=0.499	P=0.500	(e)	P=0.510
LOGISTIC REGRESSION	P=0.496	P=0.500	(e)	P=0.521
COCH-ARM / FISHERS	P=0.486	P=0.500	(e)	P=0.500
ORDER RESTRICTED	P=0.258	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.276	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Nose Inflammation Chronic				
LESION RATES				
OVERALL (a)	5/50 (10%)	4/50 (8%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	5/47.00	4/46.36	3/44.71	3/47.31
POLY-3 PERCENT (g)	10.6%	8.6%	6.7%	6.3%
TERMINAL (d)	3/36 (8%)	2/35 (6%)	2/36 (6%)	2/40 (5%)
FIRST INCIDENCE	396	528	708	669
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.320N	P=0.512N	P=0.360N	P=0.317N
POLY 3	P=0.359N	P=0.509N	P=0.384N	P=0.353N
POLY 1.5	P=0.365N	P=0.505N	P=0.374N	P=0.355N
POLY 6	P=0.350N	P=0.514N	P=0.394N	P=0.349N
LOGISTIC REGRESSION	P=0.466N	P=0.605N	P=0.346N	P=0.546N
COCH-ARM / FISHERS	P=0.373N	P=0.500N	P=0.357N	P=0.357N
ORDER RESTRICTED	P=0.352N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.365N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Nose: Respiratory Epithelium Metaplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.34	0/45.63	0/44.62	0/47.08
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	---	---	---	---
.....				
STATISTICAL TESTS				
LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Ovary Cyst				
LESION RATES				
OVERALL (a)	8/50 (16%)	5/50 (10%)	6/50 (12%)	7/50 (14%)
POLY-3 RATE (b)	8/45.58	5/45.93	6/44.91	7/47.29
POLY-3 PERCENT (g)	17.6%	10.9%	13.4%	14.8%
TERMINAL (d)	7/36 (19%)	4/35 (11%)	5/36 (14%)	6/40 (15%)
FIRST INCIDENCE	666	647	653	675
STATISTICAL TESTS				
LIFE TABLE	P=0.551N	P=0.291N	P=0.394N	P=0.418N
POLY 3	P=0.545	P=0.270N	P=0.398N	P=0.469N
POLY 1.5	P=0.533	P=0.270N	P=0.392N	P=0.479N
POLY 6	P=0.561	P=0.275N	P=0.406N	P=0.461N
LOGISTIC REGRESSION	P=0.560	P=0.276N	P=0.408N	P=0.459N
COCH-ARM / FISHERS	P=0.512	P=0.277N	P=0.387N	P=0.500N
ORDER RESTRICTED	P=0.423N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.436N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Pancreas Atrophy				
LESION RATES				
OVERALL (a)	21/49 (43%)	27/50 (54%)	27/50 (54%)	26/50 (52%)
POLY-3 RATE (b)	21/45.81	27/47.79	27/46.64	26/47.97
POLY-3 PERCENT (g)	45.8%	56.5%	57.9%	54.2%
TERMINAL (d)	17/35 (49%)	19/35 (54%)	22/36 (61%)	23/40 (58%)
FIRST INCIDENCE	586	490	432	603
STATISTICAL TESTS				
LIFE TABLE	P=0.440N	P=0.181	P=0.193	P=0.413
POLY 3	P=0.458	P=0.202	P=0.167	P=0.272
POLY 1.5	P=0.445	P=0.199	P=0.177	P=0.264
POLY 6	P=0.468	P=0.200	P=0.150	P=0.274
LOGISTIC REGRESSION	P=0.475	P=0.190	P=0.171	P=0.291
COCH-ARM / FISHERS	P=0.415	P=0.182	P=0.182	P=0.239
ORDER RESTRICTED	P=0.245	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.262	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Pancreas: Acinus Hyperplasia Focal				
LESION RATES				
OVERALL (a)	1/49 (2%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/44.34	0/45.63	1/44.62	1/47.08
POLY-3 PERCENT (g)	2.3%	0%	2.2%	2.1%
TERMINAL (d)	1/35 (3%)	0/35 (0%)	1/36 (3%)	1/40 (3%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)
STATISTICAL TESTS				
LIFE TABLE	P=0.609	P=0.500N	P=0.756N	P=0.732N
POLY 3	P=0.587	P=0.494N	P=0.759N	P=0.747N
POLY 1.5	P=0.583	P=0.494N	P=0.758N	P=0.750N
POLY 6	P=0.593	P=0.496N	P=0.760	P=0.745N
LOGISTIC REGRESSION	P=0.609	(e)	P=0.756N	P=0.732N
COCH-ARM / FISHERS	P=0.577	P=0.495N	P=0.747N	P=0.747N
ORDER RESTRICTED	P=0.544	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.551	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Pituitary Gland: Pars Distalis				
Angiectasis				
LESION RATES				
OVERALL (a)	1/49 (2%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/44.46	1/46.25	3/45.65	1/47.08
POLY-3 PERCENT (g)	2.3%	2.2%	6.6%	2.1%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	1/36 (3%)	1/40 (3%)
FIRST INCIDENCE	701	528	474	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.546N	P=0.754	P=0.302	P=0.746N
POLY 3	P=0.556N	P=0.752N	P=0.315	P=0.748N
POLY 1.5	P=0.561N	P=0.753N	P=0.315	P=0.750N
POLY 6	P=0.551N	P=0.753N	P=0.314	P=0.746N
LOGISTIC REGRESSION	P=0.653	P=0.712	P=0.308	P=0.751N
COCH-ARM / FISHERS	P=0.569N	P=0.747N	P=0.316	P=0.747N
ORDER RESTRICTED	P=0.456	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.468	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Pituitary Gland: Pars Distalis
Cyst

LESION RATES

OVERALL (a)	11/49 (22%)	8/50 (16%)	9/50 (18%)	11/50 (22%)
POLY-3 RATE (b)	11/45.42	8/45.87	9/45.62	11/47.23
POLY-3 PERCENT (g)	24.2%	17.4%	19.7%	23.3%
TERMINAL (d)	9/36 (25%)	7/35 (20%)	7/36 (19%)	10/40 (25%)
FIRST INCIDENCE	396	666	476	690

STATISTICAL TESTS

LIFE TABLE	P=0.516	P=0.326N	P=0.410N	P=0.495N
POLY 3	P=0.431	P=0.295N	P=0.396N	P=0.555N
POLY 1.5	P=0.419	P=0.291N	P=0.390N	P=0.561N
POLY 6	P=0.446	P=0.305N	P=0.404N	P=0.550N
LOGISTIC REGRESSION	P=0.422	P=0.284N	P=0.379N	P=0.560N
COCH-ARM / FISHERS	P=0.401	P=0.288N	P=0.382N	P=0.574N
ORDER RESTRICTED	P=0.502N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.510N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Pituitary Gland: Pars Distalis Hyperplasia Focal				
LESION RATES				
OVERALL (a)	15/49 (31%)	7/50 (14%)	9/50 (18%)	12/50 (24%)
POLY-3 RATE (b)	15/45.28	7/45.93	9/45.65	12/47.29
POLY-3 PERCENT (g)	33.1%	15.2%	19.7%	25.4%
TERMINAL (d)	13/36 (36%)	6/35 (17%)	7/36 (19%)	11/40 (28%)
FIRST INCIDENCE	410	647	474	675
STATISTICAL TESTS				
LIFE TABLE	P=0.558N	P=0.052N	P=0.125N	P=0.226N
POLY 3	P=0.487	P=0.037N*	P=0.110N	P=0.277N
POLY 1.5	P=0.473	P=0.037N*	P=0.110N	P=0.287N
POLY 6	P=0.506	P=0.038N*	P=0.112N	P=0.266N
LOGISTIC REGRESSION	P=0.484	P=0.038N*	P=0.110N	P=0.269N
COCH-ARM / FISHERS	P=0.452	P=0.040N*	P=0.109N	P=0.304N
ORDER RESTRICTED	P=0.102N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.117N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Pituitary Gland: Pars Intermedia Cyst				
LESION RATES				
OVERALL (a)	1/49 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/44.35	0/45.63	2/44.91	1/47.08
POLY-3 PERCENT (g)	2.3%	0%	4.5%	2.1%
TERMINAL (d)	1/36 (3%)	0/35 (0%)	1/36 (3%)	1/40 (3%)
FIRST INCIDENCE	729 (T)	---	653	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.646	P=0.506N	P=0.495	P=0.738N
POLY 3	P=0.634	P=0.494N	P=0.504	P=0.747N
POLY 1.5	P=0.628	P=0.494N	P=0.506	P=0.750N
POLY 6	P=0.640	P=0.496N	P=0.502	P=0.745N
LOGISTIC REGRESSION	P=0.628	(e)	P=0.505	P=0.738N
COCH-ARM / FISHERS	P=0.620	P=0.495N	P=0.508	P=0.747N
ORDER RESTRICTED	P=0.386	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.403	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Salivary Glands Atrophy				
LESION RATES				
OVERALL (a)	11/50 (22%)	19/50 (38%)	19/50 (38%)	16/50 (32%)
POLY-3 RATE (b)	11/46.52	19/46.81	19/46.22	16/47.33
POLY-3 PERCENT (g)	23.7%	40.6%	41.1%	33.8%
TERMINAL (d)	8/36 (22%)	15/35 (43%)	16/36 (44%)	14/40 (35%)
FIRST INCIDENCE	396	528	474	669
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.442N	P=0.061	P=0.068	P=0.277
POLY 3	P=0.528	P=0.060	P=0.055	P=0.194
POLY 1.5	P=0.517	P=0.062	P=0.058	P=0.192
POLY 6	P=0.539	P=0.056	P=0.051	P=0.196
LOGISTIC REGRESSION	P=0.530	P=0.064	P=0.063	P=0.199
COCH-ARM / FISHERS	P=0.499	P=0.063	P=0.063	P=0.184
ORDER RESTRICTED	P=0.095	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.107	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Skin				
Cyst Epithelial Inclusion				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/45.34	1/45.72	3/45.07	0/47.08
POLY-3 PERCENT (g)	0%	2.2%	6.7%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	2/36 (6%)	0/40 (0%)
FIRST INCIDENCE	---	707	600	---
STATISTICAL TESTS				
LIFE TABLE	P=0.373N	P=0.489	P=0.126	(e)
POLY 3	P=0.386N	P=0.502	P=0.118	(e)
POLY 1.5	P=0.391N	P=0.502	P=0.118	(e)
POLY 6	P=0.381N	P=0.500	P=0.116	(e)
LOGISTIC REGRESSION	P=0.414N	P=0.501	P=0.121	(e)
COCH-ARM / FISHERS	P=0.402N	P=0.500	P=0.121	(e)
ORDER RESTRICTED	P=0.220	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.238	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Skin				
Hyperkeratosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/45.34	2/45.63	0/44.62	2/47.08
POLY-3 PERCENT (g)	0%	4.4%	0%	4.3%
TERMINAL (d)	0/36 (0%)	2/35 (6%)	0/36 (0%)	2/40 (5%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.332	P=0.232	(e)	P=0.262
POLY 3	P=0.304	P=0.239	(e)	P=0.246
POLY 1.5	P=0.300	P=0.239	(e)	P=0.243
POLY 6	P=0.307	P=0.236	(e)	P=0.248
LOGISTIC REGRESSION	(e)	P=0.232	(e)	P=0.262
COCH-ARM / FISHERS	P=0.292	P=0.247	(e)	P=0.247
ORDER RESTRICTED	P=0.121	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.139	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Skin Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	0/45.34	0/45.63	2/44.62	2/47.52
POLY-3 PERCENT (g)	0%	0%	4.5%	4.2%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	2/36 (6%)	0/40 (0%)
FIRST INCIDENCE	---	---	729 (T)	669
STATISTICAL TESTS				
LIFE TABLE	P=0.206	(e)	P=0.238	P=0.258
POLY 3	P=0.184	(e)	P=0.234	P=0.248
POLY 1.5	P=0.179	(e)	P=0.235	P=0.244
POLY 6	P=0.190	(e)	P=0.231	P=0.252
LOGISTIC REGRESSION	P=0.168	(e)	P=0.238	P=0.192
COCH-ARM / FISHERS	P=0.172	(e)	P=0.247	P=0.247
ORDER RESTRICTED	P=0.113	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.132	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Skin: Epidermis Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/45.34	0/45.63	0/44.62	1/47.08
POLY-3 PERCENT (g)	0%	0%	0%	2.1%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	1/40 (3%)
FIRST INCIDENCE	---	---	---	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.259	(e)	(e)	P=0.521
POLY 3	P=0.243	(e)	(e)	P=0.508
POLY 1.5	P=0.241	(e)	(e)	P=0.505
POLY 6	P=0.245	(e)	(e)	P=0.510
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.521
COCH-ARM / FISHERS	P=0.237	(e)	(e)	P=0.500
ORDER RESTRICTED	P=0.126	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.143	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Spleen Fibrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/45.34	2/45.63	1/44.62	0/46.08
POLY-3 PERCENT (g)	0%	4.4%	2.2%	0%
TERMINAL (d)	0/36 (0%)	2/35 (6%)	1/36 (3%)	0/39 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---
STATISTICAL TESTS				
LIFE TABLE	P=0.338N	P=0.232	P=0.500	(e)
POLY 3	P=0.353N	P=0.239	P=0.497	(e)
POLY 1.5	P=0.357N	P=0.239	P=0.498	(e)
POLY 6	P=0.351N	P=0.236	P=0.494	(e)
LOGISTIC REGRESSION	(e)	P=0.232	P=0.500	(e)
COCH-ARM / FISHERS	P=0.365N	P=0.247	P=0.500	(e)
ORDER RESTRICTED	P=0.321N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.337N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Spleen
Hematopoietic Cell Proliferation

LESION RATES

OVERALL (a)	4/50 (8%)	5/50 (10%)	1/50 (2%)	2/49 (4%)
POLY-3 RATE (b)	4/46.41	5/46.52	1/44.97	2/46.39
POLY-3 PERCENT (g)	8.6%	10.8%	2.2%	4.3%
TERMINAL (d)	1/36 (3%)	1/35 (3%)	0/36 (0%)	1/39 (3%)
FIRST INCIDENCE	410	647	634	646

STATISTICAL TESTS

LIFE TABLE	P=0.234N	P=0.490	P=0.190N	P=0.317N
POLY 3	P=0.245N	P=0.501	P=0.188N	P=0.337N
POLY 1.5	P=0.250N	P=0.502	P=0.185N	P=0.341N
POLY 6	P=0.240N	P=0.500	P=0.193N	P=0.335N
LOGISTIC REGRESSION	P=0.327N	P=0.441	P=0.173N	P=0.475N
COCH-ARM / FISHERS	P=0.258N	P=0.500	P=0.181N	P=0.349N
ORDER RESTRICTED	P=0.163N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.174N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Spleen Necrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/45.34	0/45.63	0/44.62	0/46.08
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	0/39 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Spleen Pigmentation				
LESION RATES				
OVERALL (a)	40/50 (80%)	43/50 (86%)	44/50 (88%)	44/49 (90%)
POLY-3 RATE (b)	40/47.33	43/49.01	44/48.91	44/48.42
POLY-3 PERCENT (g)	84.5%	87.7%	90%	90.9%
TERMINAL (d)	34/36 (94%)	31/35 (89%)	34/36 (94%)	36/39 (92%)
FIRST INCIDENCE	396	528	432	586
STATISTICAL TESTS				
LIFE TABLE	P=0.419N	P=0.271	P=0.238	P=0.517
POLY 3	P=0.283	P=0.432	P=0.297	P=0.250
POLY 1.5	P=0.245	P=0.371	P=0.261	P=0.198
POLY 6	P=0.335	P=0.522	P=0.333	P=0.328
LOGISTIC REGRESSION	P=0.268	P=0.345	P=0.187	P=0.233
COCH-ARM / FISHERS	P=0.195	P=0.298	P=0.207	P=0.140
ORDER RESTRICTED	P=0.245	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.262	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Spleen: Lymphoid Follicle
Hyperplasia

LESION RATES

OVERALL (a)	7/50 (14%)	5/50 (10%)	7/50 (14%)	6/49 (12%)
POLY-3 RATE (b)	7/47.16	5/47.01	7/46.30	6/46.08
POLY-3 PERCENT (g)	14.8%	10.6%	15.1%	13%
TERMINAL (d)	2/36 (6%)	0/35 (0%)	3/36 (8%)	6/39 (15%)
FIRST INCIDENCE	396	646	474	729 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.497N	P=0.387N	P=0.595	P=0.452N
POLY 3	P=0.570N	P=0.382N	P=0.599	P=0.518N
POLY 1.5	P=0.568N	P=0.380N	P=0.605	P=0.515N
POLY 6	P=0.575N	P=0.384N	P=0.592	P=0.525N
LOGISTIC REGRESSION	P=0.489	P=0.454N	P=0.601N	P=0.598N
COCH-ARM / FISHERS	P=0.571N	P=0.380N	P=0.613N	P=0.516N
ORDER RESTRICTED	P=0.613N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.614N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Stomach, Forestomach Edema				
LESION RATES				
OVERALL (a)	1/49 (2%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/44.46	1/45.74	0/44.62	1/47.51
POLY-3 PERCENT (g)	2.3%	2.2%	0%	2.1%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	701	701	---	604
STATISTICAL TESTS				
LIFE TABLE	P=0.673	P=0.744	P=0.516N	P=0.750N
POLY 3	P=0.675	P=0.754N	P=0.499N	P=0.746N
POLY 1.5	P=0.670	P=0.754N	P=0.498N	P=0.749N
POLY 6	P=0.680	P=0.756N	P=0.502N	P=0.742N
LOGISTIC REGRESSION	P=0.634	P=0.758N	P=0.496N	P=0.715
COCH-ARM / FISHERS	P=0.664	P=0.747N	P=0.495N	P=0.747N
ORDER RESTRICTED	P=0.524N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.532N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Stomach, Forestomach Ulcer				
LESION RATES				
OVERALL (a)	1/49 (2%)	2/50 (4%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/44.57	2/46.36	1/44.62	2/47.99
POLY-3 PERCENT (g)	2.2%	4.3%	2.2%	4.2%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	1/36 (3%)	0/40 (0%)
FIRST INCIDENCE	669	528	729 (T)	586
STATISTICAL TESTS				
LIFE TABLE	P=0.522	P=0.488	P=0.758	P=0.525
POLY 3	P=0.518	P=0.514	P=0.760N	P=0.526
POLY 1.5	P=0.510	P=0.512	P=0.758N	P=0.519
POLY 6	P=0.528	P=0.512	P=0.758	P=0.532
LOGISTIC REGRESSION	P=0.371	P=0.432	P=0.758N	P=0.326
COCH-ARM / FISHERS	P=0.496	P=0.508	P=0.747N	P=0.508
ORDER RESTRICTED	P=0.481	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.493	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Stomach, Forestomach: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	2/49 (4%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/44.45	1/46.25	1/44.90	1/47.08
POLY-3 PERCENT (g)	4.5%	2.2%	2.2%	2.1%
TERMINAL (d)	1/36 (3%)	0/35 (0%)	0/36 (0%)	1/40 (3%)
FIRST INCIDENCE	704	528	654	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.508N	P=0.510N	P=0.514N	P=0.470N
POLY 3	P=0.526N	P=0.486N	P=0.496N	P=0.480N
POLY 1.5	P=0.530N	P=0.487N	P=0.495N	P=0.484N
POLY 6	P=0.521N	P=0.488N	P=0.499N	P=0.477N
LOGISTIC REGRESSION	P=0.591N	P=0.539N	P=0.493N	P=0.475N
COCH-ARM / FISHERS	P=0.537N	P=0.492N	P=0.492N	P=0.492N
ORDER RESTRICTED	P=0.390N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.406N	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Stomach, Glandular Edema				
LESION RATES				
OVERALL (a)	0/49 (0%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.35	3/46.45	0/44.62	0/47.08
POLY-3 PERCENT (g)	0%	6.5%	0%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	---	528	---	---
STATISTICAL TESTS				
LIFE TABLE	P=0.266N	P=0.118	(e)	(e)
POLY 3	P=0.260N	P=0.127	(e)	(e)
POLY 1.5	P=0.264N	P=0.126	(e)	(e)
POLY 6	P=0.256N	P=0.127	(e)	(e)
LOGISTIC REGRESSION	P=0.321N	P=0.090	(e)	(e)
COCH-ARM / FISHERS	P=0.276N	P=0.125	(e)	(e)
ORDER RESTRICTED	P=0.161N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.180N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Stomach, Glandular Erosion				
LESION RATES				
OVERALL (a)	2/49 (4%)	3/50 (6%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	2/44.69	3/47.07	1/44.93	2/47.23
POLY-3 PERCENT (g)	4.5%	6.4%	2.2%	4.2%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	1/40 (3%)
FIRST INCIDENCE	669	490	646	690
STATISTICAL TESTS				
LIFE TABLE	P=0.551N	P=0.489	P=0.514N	P=0.667N
POLY 3	P=0.566N	P=0.524	P=0.498N	P=0.674N
POLY 1.5	P=0.571N	P=0.520	P=0.495N	P=0.678N
POLY 6	P=0.561N	P=0.523	P=0.502N	P=0.671N
LOGISTIC REGRESSION	P=0.596	P=0.390	P=0.491N	P=0.691
COCH-ARM / FISHERS	P=0.580N	P=0.510	P=0.492N	P=0.684N
ORDER RESTRICTED	P=0.484N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.494N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Stomach, Glandular Hyperplasia Focal				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.35	0/45.63	0/44.62	0/47.08
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	---	---	---	---
.....				
STATISTICAL TESTS				
LIFE TABLE	(e)	(e)	(e)	(e)
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Stomach, Glandular Ulcer				
LESION RATES				
OVERALL (a)	1/49 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.45	1/45.72	0/44.62	0/47.08
POLY-3 PERCENT (g)	2.3%	2.2%	0%	0%
TERMINAL (d)	0/36 (0%)	0/35 (0%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	704	707	---	---
STATISTICAL TESTS				
LIFE TABLE	P=0.358N	P=0.745	P=0.511N	P=0.490N
POLY 3	P=0.367N	P=0.754N	P=0.499N	P=0.489N
POLY 1.5	P=0.370N	P=0.754N	P=0.498N	P=0.491N
POLY 6	P=0.364N	P=0.757N	P=0.502N	P=0.487N
LOGISTIC REGRESSION	P=0.372N	P=0.757N	P=0.497N	P=0.497N
COCH-ARM / FISHERS	P=0.374N	P=0.747N	P=0.495N	P=0.495N
ORDER RESTRICTED	P=0.239N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.258N	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

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 Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Thymus Atrophy				
LESION RATES				
OVERALL (a)	37/46 (80%)	37/48 (77%)	45/49 (92%)	45/48 (94%)
POLY-3 RATE (b)	37/42.18	37/45.16	45/47.64	45/46.94
POLY-3 PERCENT (g)	87.7%	81.9%	94.5%	95.9%
TERMINAL (d)	33/33 (100%)	32/34 (94%)	34/35 (97%)	38/38 (100%)
FIRST INCIDENCE	656	647	474	603
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.322	P=0.521N	P=0.096	P=0.313
POLY 3	P=0.037*	P=0.306N	P=0.192	P=0.111
POLY 1.5	P=0.031*	P=0.353N	P=0.136	P=0.080
POLY 6	P=0.050*	P=0.275N	P=0.311	P=0.169
LOGISTIC REGRESSION	P=0.039*	P=0.398N	P=0.042*	P=0.054
COCH-ARM / FISHERS	P=0.026*	P=0.443N	P=0.093	P=0.051
ORDER RESTRICTED	P=0.032*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.044*	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Thyroid Gland Ultimobranchial Cyst				
LESION RATES				
OVERALL (a)	1/49 (2%)	5/50 (10%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.34	5/45.63	0/44.62	0/47.08
POLY-3 PERCENT (g)	2.3%	11%	0%	0%
TERMINAL (d)	1/35 (3%)	5/35 (14%)	0/36 (0%)	0/40 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
STATISTICAL TESTS				
LIFE TABLE	P=0.082N	P=0.102	P=0.494N	P=0.473N
POLY 3	P=0.085N	P=0.108	P=0.499N	P=0.488N
POLY 1.5	P=0.088N	P=0.108	P=0.497N	P=0.491N
POLY 6	P=0.083N	P=0.105	P=0.501N	P=0.486N
LOGISTIC REGRESSION	P=0.082N	P=0.102	(e)	(e)
COCH-ARM / FISHERS	P=0.097N	P=0.107	P=0.495N	P=0.495N
ORDER RESTRICTED	P=0.049N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.061N	(e)	(e)	(e)

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CHROMIUM PICOLINATE MONOHYDRATE
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM

Thyroid Gland: C-Cell
 Hyperplasia

LESION RATES

OVERALL (a)	25/49 (51%)	29/50 (58%)	24/50 (48%)	21/50 (42%)
POLY-3 RATE (b)	25/45.01	29/45.87	24/44.94	21/47.51
POLY-3 PERCENT (g)	55.5%	63.2%	53.4%	44.2%
TERMINAL (d)	22/35 (63%)	28/35 (80%)	22/36 (61%)	20/40 (50%)
FIRST INCIDENCE	647	666	669	604

STATISTICAL TESTS

LIFE TABLE	P=0.019N*	P=0.240	P=0.458N	P=0.109N
POLY 3	P=0.060N	P=0.292	P=0.504N	P=0.185N
POLY 1.5	P=0.078N	P=0.309	P=0.481N	P=0.203N
POLY 6	P=0.044N*	P=0.249	P=0.540N	P=0.174N
LOGISTIC REGRESSION	P=0.035N*	P=0.240	P=0.536N	P=0.162N
COCH-ARM / FISHERS	P=0.112N	P=0.310	P=0.460N	P=0.243N
ORDER RESTRICTED	P=0.097N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.099N	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Tongue: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	1/1 (100%)	0/0 (0%)	2/3 (67%)	2/2 (100%)
POLY-3 RATE (b)	1/1.00	0/0.00	2/3.00	2/2.00
POLY-3 PERCENT (g)	100%	0%	66.7%	100%
TERMINAL (d)	1/1 (100%)	0/0 (0%)	2/3 (67%)	2/2 (100%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)
.....				
STATISTICAL TESTS				
LIFE TABLE	P=0.659	(e)	P=0.718N	(e)
POLY 3	(e)	(e)	P=0.691N	(e)
POLY 1.5	(e)	(e)	P=0.691N	(e)
POLY 6	(e)	(e)	P=0.691N	(e)
LOGISTIC REGRESSION	P=0.659	(e)	P=0.718N	(e)
COCH-ARM / FISHERS	P=0.673	(e)	P=0.750N	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)
.....				

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 PPM	2000 PPM	10000 PPM	50000 PPM
Uterus Hyperplasia Cystic				
LESION RATES				
OVERALL (a)	17/50 (34%)	30/50 (60%)	24/50 (48%)	19/50 (38%)
POLY-3 RATE (b)	17/46.29	30/47.45	24/47.09	19/48.33
POLY-3 PERCENT (g)	36.7%	63.2%	51%	39.3%
TERMINAL (d)	12/36 (33%)	25/35 (71%)	19/36 (53%)	14/40 (35%)
FIRST INCIDENCE	656	490	432	604
STATISTICAL TESTS				
LIFE TABLE	P=0.093N	P=0.008**	P=0.121	P=0.550
POLY 3	P=0.132N	P=0.007**	P=0.116	P=0.481
POLY 1.5	P=0.151N	P=0.007**	P=0.117	P=0.460
POLY 6	P=0.111N	P=0.005**	P=0.109	P=0.497
LOGISTIC REGRESSION	P=0.169N	P=0.008**	P=0.107	P=0.454
COCH-ARM / FISHERS	P=0.190N	P=0.008**	P=0.111	P=0.418
ORDER RESTRICTED	P=0.114	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.132	(e)	(e)	(e)

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CHROMIUM PICOLINATE MONOHYDRATE
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LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
 - (b) Number of tumor-bearing animals/Poly-3 number
 - (d) Observed incidence at terminal kill.
 - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group. The life table analysis regards tumors in animals dying prior to terminal kill as being (directly or indirectly) the cause of death.
 - (e) Value of Statistic cannot be computed.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- Logistic regression is an alternative method for analyzing the incidence of non-fatal tumors.
The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***