

Experiment Number: 10260 - 01
Test Type: Chronic PN
Route: DOSED FEED
Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
2-Hydroxy-4-methoxybenzophenone
CAS Number: 131-57-7

Date Report Requested: 06/13/2018
Time Report Requested: 09:45:26
First Dose M/F: 11/08/10 / 11/09/10
Lab: BAT

Custom Report with Litter-Based Statistics

NTP Study Number:	C10260		
Lock Date:	07/22/2014		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	25021 TSAC	25020 NATD	25019 MSAC
Removal Date Range:	ALL		
Treatment Groups:	Include ALL		
Study Gender:	Both		
TDMSE Version:	2.5.0.0_sfh		
PWG Approval Date:	12/22/2016		

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF 2-HYDROXY-4-METHOXYBENZOPHENONE

MALE RATS

Organ

Adrenal Medulla

Bone Marrow

Heart

Kidney: Pelvis

Liver: Bile Duct

Nose: Olfactory Epithelium

Pancreas: Acinus

Pancreas: Arteriole

Parathyroid Gland

Prostate: Epithelium

Spleen

Spleen: White Pulp

Testes: Arteriole

Testes: Germinal Epithelium

Testes: Interstitial Cell

FEMALE RATS

Organ

Adrenal Cortex

Adrenal Medulla

Bone Marrow

Intestine Large, Rectum

Liver

Liver: Bile Duct

Lung

Ovary

Ovary: Bursa

Parathyroid Gland

Spleen

Uterus: Endometrium

Morphology

Hyperplasia

Hypercellularity

Cardiomyopathy

Dilation

Hyperplasia

Accumulation, Hyaline Droplet

Atrophy

Hyperplasia

Inflammation Chronic

Hyperplasia

Hyperplasia

Pigment

Atrophy

Necrosis

Atrophy

Hyperplasia

Morphology

Hypertrophy Focal

Hyperplasia

Hypercellularity

Parasite Metazoan

Eosinophilic Focus

Cyst

Hemorrhage

Cyst

Cyst

Hyperplasia

Extramedullary Hematopoiesis

Pigment

Atypical Hyperplasia

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF 2-HYDROXY-4-METHOXYBENZOPHENONE

Vagina

Hyperplasia Cystic

Metaplasia

Mucification

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Cortex				
Angiectasis				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	0/45.90	1/42.74	0/41.59	0/43.14
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	666	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Cortex				
Hyperplasia Focal				
<hr/>				
LESION RATES				
OVERALL (a)	18/50 (36%)	18/50 (36%)	19/50 (38%)	20/50 (40%)
LITTERS (b)	16/29 (55%)	15/25 (60%)	15/25 (60%)	19/28 (68%)
POLY-3 RATE (c)	18/47.32	18/44.50	19/43.67	20/44.99
POLY-3 PERCENT (g)	38%	40.5%	43.5%	44.5%
TERMINAL (d)	10/30 (33%)	10/29 (35%)	11/24 (46%)	15/33 (46%)
FIRST INCIDENCE	577	572	576	316
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.323	P=0.491	P=0.375	P=0.339
POLY 1.5	P=0.328	P=0.511	P=0.426	P=0.352
POLY 6	P=0.322	P=0.478	P=0.312	P=0.331
RAO-SCOTT	P=0.323	P=0.485	P=0.369	P=0.334
LITTER C-A/FISHERS	P=0.218	P=0.468	P=0.468	P=0.239

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Cortex				
Hypertrophy Focal				
<hr/>				
LESION RATES				
OVERALL (a)	20/50 (40%)	23/50 (46%)	23/50 (46%)	27/50 (54%)
LITTERS (b)	16/29 (55%)	18/25 (72%)	17/25 (68%)	21/28 (75%)
POLY-3 RATE (c)	20/46.17	23/43.42	23/43.51	27/44.54
POLY-3 PERCENT (g)	43.3%	53%	52.9%	60.6%
TERMINAL (d)	16/30 (53%)	18/29 (62%)	15/24 (63%)	21/33 (64%)
FIRST INCIDENCE	692	640	467	576
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STATISTICAL TESTS				
POLY 3	P=0.085	P=0.237	P=0.239	P=0.070
POLY 1.5	P=0.084	P=0.261	P=0.282	P=0.072
POLY 6	P=0.101	P=0.222	P=0.190	P=0.078
RAO-SCOTT	P=0.094	P=0.236	P=0.239	P=0.074
LITTER C-A/FISHERS	P=0.153	P=0.160	P=0.247	P=0.098

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Cortex				
Necrosis				
<hr/>				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	1/29 (3%)	1/25 (4%)	1/25 (4%)	0/28 (0%)
POLY-3 RATE (c)	1/46.41	1/42.56	1/41.74	0/43.14
POLY-3 PERCENT (g)	2.2%	2.4%	2.4%	0%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	577	715	689	---
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STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Cortex				
Vacuolization Cytoplasmic				
<hr/>				
LESION RATES				
OVERALL (a)	5/50 (10%)	2/50 (4%)	3/50 (6%)	5/50 (10%)
LITTERS (b)	4/29 (14%)	2/25 (8%)	3/25 (12%)	5/28 (18%)
POLY-3 RATE (c)	5/46.20	2/42.59	3/42.50	5/44.45
POLY-3 PERCENT (g)	10.8%	4.7%	7.1%	11.3%
TERMINAL (d)	3/30 (10%)	1/29 (3%)	1/24 (4%)	2/33 (6%)
FIRST INCIDENCE	673	708	562	309
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STATISTICAL TESTS				
POLY 3	P=0.373	P=0.250N	P=0.403N	P=0.606
POLY 1.5	P=0.366	P=0.241N	P=0.384N	P=0.607
POLY 6	P=0.386	P=0.260N	P=0.429N	P=0.611
RAO-SCOTT	P=0.381	P=0.276N	P=0.419N	P=0.608
LITTER C-A/FISHERS	P=0.288	P=0.409N	P=0.585N	P=0.477

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Medulla Hyperplasia				
LESION RATES				
OVERALL (a)	27/50 (54%)	13/50 (26%)	16/50 (32%)	12/50 (24%)
LITTERS (b)	22/29 (76%)	10/25 (40%)	13/25 (52%)	11/28 (39%)
POLY-3 RATE (c)	27/47.36	13/44.03	16/44.13	12/43.66
POLY-3 PERCENT (g)	57%	29.5%	36.3%	27.5%
TERMINAL (d)	17/30 (57%)	8/29 (28%)	7/24 (29%)	10/33 (30%)
FIRST INCIDENCE	577	593	573	617
STATISTICAL TESTS				
POLY 3	P=0.021N*	P=0.006N**	P=0.033N*	P=0.003N**
POLY 1.5	P=0.021N*	P=0.005N**	P=0.027N*	P=0.003N**
POLY 6	P=0.020N*	P=0.006N**	P=0.043N*	P=0.003N**
RAO-SCOTT	P=0.033N*	P=0.010N**	P=0.044N*	P=0.006N**
LITTER C-A/FISHERS	P=0.039N*	P=0.008N**	P=0.061N	P=0.005N**

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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Blood Vessel: Aorta				
Mineral				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	3/50 (6%)
LITTERS (b)	0/29 (0%)	2/25 (8%)	1/25 (4%)	3/28 (11%)
POLY-3 RATE (c)	0/45.90	2/43.29	1/42.29	3/43.93
POLY-3 PERCENT (g)	0%	4.6%	2.4%	6.8%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	593	488	617
STATISTICAL TESTS				
POLY 3	P=0.125	P=0.224	P=0.484	P=0.111
POLY 1.5	P=0.124	P=0.227	P=0.491	P=0.111
POLY 6	P=0.128	P=0.223	P=0.474	P=0.113
RAO-SCOTT	P=0.171	P=0.283	P=0.533	P=0.162
LITTER C-A/FISHERS	P=0.141	P=0.210	P=0.463	P=0.112

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Bone Marrow				
Hypercellularity				
LESION RATES				
OVERALL (a)	9/50 (18%)	12/50 (24%)	17/50 (34%)	10/50 (20%)
LITTERS (b)	9/29 (31%)	12/25 (48%)	14/25 (56%)	10/28 (36%)
POLY-3 RATE (c)	9/46.93	12/45.05	17/45.80	10/46.53
POLY-3 PERCENT (g)	19.2%	26.6%	37.1%	21.5%
TERMINAL (d)	3/30 (10%)	2/29 (7%)	4/24 (17%)	5/33 (15%)
FIRST INCIDENCE	626	572	467	56
STATISTICAL TESTS				
POLY 3	P=0.465N	P=0.273	P=0.043*	P=0.492
POLY 1.5	P=0.467N	P=0.278	P=0.047*	P=0.492
POLY 6	P=0.464N	P=0.277	P=0.039*	P=0.494
RAO-SCOTT	P=0.464N	P=0.278	P=0.051	P=0.492
LITTER C-A/FISHERS	P=0.455N	P=0.160	P=0.057	P=0.463

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Epididymis				
Hypospermia				
LESION RATES				
OVERALL (a)	7/50 (14%)	11/50 (22%)	9/50 (18%)	8/50 (16%)
LITTERS (b)	7/29 (24%)	9/25 (36%)	6/25 (24%)	7/28 (25%)
POLY-3 RATE (c)	7/46.50	11/43.89	9/43.93	8/44.02
POLY-3 PERCENT (g)	15.1%	25.1%	20.5%	18.2%
TERMINAL (d)	3/30 (10%)	4/29 (14%)	3/24 (13%)	3/33 (9%)
FIRST INCIDENCE	673	572	488	617
STATISTICAL TESTS				
POLY 3	P=0.520N	P=0.176	P=0.345	P=0.454
POLY 1.5	P=0.519N	P=0.185	P=0.364	P=0.459
POLY 6	P=0.510N	P=0.171	P=0.320	P=0.459
RAO-SCOTT	P=0.519N	P=0.220	P=0.379	P=0.477
LITTER C-A/FISHERS	P=0.446N	P=0.257	P=0.622N	P=0.591

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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<hr/>				
Eye: Cornea				
Inflammation Chronic				
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LESION RATES				
OVERALL (a)	3/50 (6%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	2/29 (7%)	0/25 (0%)	1/25 (4%)	0/28 (0%)
POLY-3 RATE (c)	3/46.13	0/42.50	1/41.59	0/43.14
POLY-3 PERCENT (g)	6.5%	0%	2.4%	0%
TERMINAL (d)	1/30 (3%)	0/29 (0%)	1/24 (4%)	0/33 (0%)
FIRST INCIDENCE	675	---	729 (T)	---
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STATISTICAL TESTS				
POLY 3	P=0.157N	P=0.134N	P=0.343N	P=0.131N
POLY 1.5	P=0.161N	P=0.130N	P=0.327N	P=0.129N
POLY 6	P=0.152N	P=0.138N	P=0.366N	P=0.131N
RAO-SCOTT	P=0.318N	P=0.306N	P=0.481N	P=0.305N
LITTER C-A/FISHERS	P=0.271N	P=0.284N	P=0.557N	P=0.254N

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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<hr/>				
Heart				
Cardiomyopathy				
<hr/>				
LESION RATES				
OVERALL (a)	37/50 (74%)	44/50 (88%)	42/50 (84%)	41/50 (82%)
LITTERS (b)	26/29 (90%)	25/25 (100%)	24/25 (96%)	25/28 (89%)
POLY-3 RATE (c)	37/48.45	44/48.06	42/48.63	41/46.42
POLY-3 PERCENT (g)	76.4%	91.6%	86.4%	88.3%
TERMINAL (d)	21/30 (70%)	26/29 (90%)	19/24 (79%)	29/33 (88%)
FIRST INCIDENCE	577	239	430	56
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.233	P=0.034*	P=0.151	P=0.096
POLY 1.5	P=0.288	P=0.035*	P=0.153	P=0.123
POLY 6	P=0.208	P=0.036*	P=0.153	P=0.087
RAO-SCOTT	P=0.263	P=0.054	P=0.182	P=0.126
LITTER C-A/FISHERS	P=0.325N	P=0.147	P=0.364	P=0.648N

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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male

Heart: Atrium
Thrombus

LESION RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	1/25 (4%)	0/28 (0%)
POLY-3 RATE (c)	0/45.90	1/42.74	2/42.28	0/43.14
POLY-3 PERCENT (g)	0%	2.3%	4.7%	0%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	666	624	---

STATISTICAL TESTS

POLY 3	P=0.519N	P=0.486	P=0.219	(e)
POLY 1.5	P=0.517N	P=0.489	P=0.227	(e)
POLY 6	P=0.517N	P=0.483	P=0.211	(e)
RAO-SCOTT	P=0.631N	P=0.734	P=0.475	(e)
LITTER C-A/FISHERS	P=0.528N	P=0.463	P=0.463	(e)

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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<hr/>				
Heart: Schwann Cell Hyperplasia				
<hr/>				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	2/29 (7%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	2/45.90	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	2/30 (7%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.248N	P=0.255N	P=0.260N	P=0.251N
POLY 1.5	P=0.252N	P=0.250N	P=0.250N	P=0.249N
POLY 6	P=0.242N	P=0.259N	P=0.273N	P=0.250N
RAO-SCOTT	P=0.398N	P=0.404N	P=0.405N	P=0.404N
LITTER C-A/FISHERS	P=0.259N	P=0.284N	P=0.284N	P=0.254N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Intestine Large, Colon Parasite Metazoan				
LESION RATES				
OVERALL (a)	2/50 (4%)	6/50 (12%)	1/50 (2%)	2/50 (4%)
LITTERS (b)	2/29 (7%)	5/25 (20%)	1/25 (4%)	2/28 (7%)
POLY-3 RATE (c)	2/46.04	6/43.07	1/41.59	2/43.14
POLY-3 PERCENT (g)	4.3%	13.9%	2.4%	4.6%
TERMINAL (d)	1/30 (3%)	4/29 (14%)	1/24 (4%)	2/33 (6%)
FIRST INCIDENCE	695	618	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.339N	P=0.112	P=0.535N	P=0.670
POLY 1.5	P=0.337N	P=0.117	P=0.520N	P=0.674
POLY 6	P=0.336N	P=0.108	P=0.555N	P=0.671
RAO-SCOTT	P=0.374N	P=0.169	P=0.571N	P=0.684
LITTER C-A/FISHERS	P=0.369N	P=0.154	P=0.557N	P=0.681

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Intestine Large, Rectum				
Parasite Metazoan				
<hr/>				
LESION RATES				
OVERALL (a)	7/50 (14%)	5/50 (10%)	5/50 (10%)	6/50 (12%)
LITTERS (b)	7/29 (24%)	5/25 (20%)	5/25 (20%)	6/28 (21%)
POLY-3 RATE (c)	7/45.92	5/42.50	5/42.11	6/43.14
POLY-3 PERCENT (g)	15.2%	11.8%	11.9%	13.9%
TERMINAL (d)	6/30 (20%)	5/29 (17%)	4/24 (17%)	6/33 (18%)
FIRST INCIDENCE	724	729 (T)	570	729 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.572	P=0.434N	P=0.441N	P=0.548N
POLY 1.5	P=0.570	P=0.420N	P=0.415N	P=0.541N
POLY 6	P=0.574N	P=0.448N	P=0.475N	P=0.547N
RAO-SCOTT	P=0.557	P=0.419N	P=0.426N	P=0.535N
LITTER C-A/FISHERS	P=0.543N	P=0.487N	P=0.487N	P=0.529N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney Cyst				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	3/50 (6%)
LITTERS (b)	1/29 (3%)	2/25 (8%)	1/25 (4%)	3/28 (11%)
POLY-3 RATE (c)	1/46.04	2/42.50	1/41.71	3/43.15
POLY-3 PERCENT (g)	2.2%	4.7%	2.4%	7%
TERMINAL (d)	0/30 (0%)	2/29 (7%)	0/24 (0%)	2/33 (6%)
FIRST INCIDENCE	695	729 (T)	698	728
STATISTICAL TESTS				
POLY 3	P=0.232	P=0.472	P=0.738	P=0.282
POLY 1.5	P=0.233	P=0.480	P=0.748	P=0.286
POLY 6	P=0.235	P=0.465	P=0.726	P=0.282
RAO-SCOTT	P=0.260	P=0.489	P=0.733	P=0.312
LITTER C-A/FISHERS	P=0.257	P=0.443	P=0.716	P=0.292

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney				
Mineral				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	0/45.90	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney				
Nephropathy Chronic Progressive				
LESION RATES				
OVERALL (a)	50/50 (100%)	50/50 (100%)	50/50 (100%)	50/50 (100%)
LITTERS (b)	29/29 (100%)	25/25 (100%)	25/25 (100%)	28/28 (100%)
POLY-3 RATE (c)	50/50.00	50/50.00	50/50.00	50/50.00
POLY-3 PERCENT (g)	100%	100%	100%	100%
TERMINAL (d)	30/30 (100%)	29/29 (100%)	24/24 (100%)	33/33 (100%)
FIRST INCIDENCE	508	162	430	56
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
RAO-SCOTT	(e)	(e)	(e)	(e)
LITTER C-A/FISHERS	(e)	(e)	(e)	(e)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney: Pelvis Dilation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	2/28 (7%)
POLY-3 RATE (c)	0/45.90	0/42.50	0/41.59	2/44.14
POLY-3 PERCENT (g)	0%	0%	0%	4.5%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	---	---	---	56
STATISTICAL TESTS				
POLY 3	P=0.041*	(e)	(e)	P=0.228
POLY 1.5	P=0.041*	(e)	(e)	P=0.230
POLY 6	P=0.042*	(e)	(e)	P=0.229
RAO-SCOTT	P=0.137	(e)	(e)	P=0.385
LITTER C-A/FISHERS	P=0.046*	(e)	(e)	P=0.237

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney: Pelvis Inflammation				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	3/50 (6%)
LITTERS (b)	1/29 (3%)	1/25 (4%)	2/25 (8%)	3/28 (11%)
POLY-3 RATE (c)	1/45.90	1/42.50	2/42.22	3/44.21
POLY-3 PERCENT (g)	2.2%	2.4%	4.7%	6.8%
TERMINAL (d)	1/30 (3%)	1/29 (3%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	576	56
STATISTICAL TESTS				
POLY 3	P=0.187	P=0.743	P=0.471	P=0.292
POLY 1.5	P=0.186	P=0.748	P=0.483	P=0.294
POLY 6	P=0.191	P=0.739	P=0.456	P=0.293
RAO-SCOTT	P=0.214	P=0.739	P=0.483	P=0.320
LITTER C-A/FISHERS	P=0.198	P=0.716	P=0.443	P=0.292

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<hr/>				
Liver				
Angiectasis				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	0/45.90	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver				
Basophilic Focus				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	1/50 (2%)	2/50 (4%)
LITTERS (b)	1/29 (3%)	3/25 (12%)	1/25 (4%)	2/28 (7%)
POLY-3 RATE (c)	1/45.90	3/42.74	1/41.59	2/43.14
POLY-3 PERCENT (g)	2.2%	7%	2.4%	4.6%
TERMINAL (d)	1/30 (3%)	2/29 (7%)	1/24 (4%)	2/33 (6%)
FIRST INCIDENCE	729 (T)	666	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.557	P=0.280	P=0.738	P=0.478
POLY 1.5	P=0.559	P=0.286	P=0.748	P=0.481
POLY 6	P=0.560	P=0.275	P=0.726	P=0.479
RAO-SCOTT	P=0.565	P=0.307	P=0.732	P=0.495
LITTER C-A/FISHERS	P=0.592	P=0.251	P=0.716	P=0.487

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver				
Clear Cell Focus				
LESION RATES				
OVERALL (a)	29/50 (58%)	28/50 (56%)	27/50 (54%)	29/50 (58%)
LITTERS (b)	21/29 (72%)	19/25 (76%)	19/25 (76%)	21/28 (75%)
POLY-3 RATE (c)	29/46.17	28/42.86	27/42.27	29/43.89
POLY-3 PERCENT (g)	62.8%	65.3%	63.9%	66.1%
TERMINAL (d)	27/30 (90%)	26/29 (90%)	23/24 (96%)	26/33 (79%)
FIRST INCIDENCE	673	652	570	625
STATISTICAL TESTS				
POLY 3	P=0.447	P=0.489	P=0.549	P=0.457
POLY 1.5	P=0.434	P=0.537	P=0.538N	P=0.467
POLY 6	P=0.508	P=0.441	P=0.417	P=0.484
RAO-SCOTT	P=0.446	P=0.481	P=0.537	P=0.451
LITTER C-A/FISHERS	P=0.536	P=0.506	P=0.506	P=0.532

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<hr/>				
Liver				
Eosinophilic Focus				
<hr/>				
LESION RATES				
OVERALL (a)	6/50 (12%)	8/50 (16%)	9/50 (18%)	8/50 (16%)
LITTERS (b)	6/29 (21%)	6/25 (24%)	6/25 (24%)	7/28 (25%)
POLY-3 RATE (c)	6/45.95	8/43.76	9/42.60	8/43.97
POLY-3 PERCENT (g)	13.1%	18.3%	21.1%	18.2%
TERMINAL (d)	4/30 (13%)	3/29 (10%)	5/24 (21%)	5/33 (15%)
FIRST INCIDENCE	724	593	599	619
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.414	P=0.349	P=0.233	P=0.352
POLY 1.5	P=0.411	P=0.355	P=0.255	P=0.353
POLY 6	P=0.430	P=0.351	P=0.208	P=0.364
RAO-SCOTT	P=0.444	P=0.392	P=0.285	P=0.395
LITTER C-A/FISHERS	P=0.461	P=0.513	P=0.513	P=0.471

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<hr/>				
Liver				
Extramedullary Hematopoiesis				
<hr/>				
LESION RATES				
OVERALL (a)	3/50 (6%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
LITTERS (b)	3/29 (10%)	0/25 (0%)	1/25 (4%)	2/28 (7%)
POLY-3 RATE (c)	3/46.50	0/42.50	1/41.96	2/43.68
POLY-3 PERCENT (g)	6.5%	0%	2.4%	4.6%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	626	---	624	646
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.571	P=0.136N	P=0.343N	P=0.528N
POLY 1.5	P=0.565	P=0.131N	P=0.327N	P=0.524N
POLY 6	P=0.582	P=0.141N	P=0.365N	P=0.527N
RAO-SCOTT	P=0.563	P=0.183N	P=0.380N	P=0.549N
LITTER C-A/FISHERS	P=0.576	P=0.147N	P=0.364N	P=0.517N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver				
Hepatodiaphragmatic Nodule				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/29 (3%)	3/25 (12%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	1/45.90	3/43.36	0/41.59	0/43.14
POLY-3 PERCENT (g)	2.2%	6.9%	0%	0%
TERMINAL (d)	1/30 (3%)	1/29 (3%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	729 (T)	592	---	---
STATISTICAL TESTS				
POLY 3	P=0.173N	P=0.285	P=0.520N	P=0.512N
POLY 1.5	P=0.173N	P=0.289	P=0.511N	P=0.511N
POLY 6	P=0.171N	P=0.283	P=0.530N	P=0.512N
RAO-SCOTT	P=0.244N	P=0.361	P=0.600N	P=0.602N
LITTER C-A/FISHERS	P=0.162N	P=0.251	P=0.537N	P=0.509N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<hr/>				
Liver: Bile Duct Cyst				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	1/28 (4%)
POLY-3 RATE (c)	0/45.90	0/42.50	0/41.59	1/43.14
POLY-3 PERCENT (g)	0%	0%	0%	2.3%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	---	---	---	729 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver: Bile Duct Hyperplasia				
LESION RATES				
OVERALL (a)	20/50 (40%)	7/50 (14%)	12/50 (24%)	11/50 (22%)
LITTERS (b)	15/29 (52%)	7/25 (28%)	10/25 (40%)	10/28 (36%)
POLY-3 RATE (c)	20/46.39	7/43.11	12/42.76	11/43.50
POLY-3 PERCENT (g)	43.1%	16.2%	28.1%	25.3%
TERMINAL (d)	14/30 (47%)	5/29 (17%)	6/24 (25%)	8/33 (24%)
FIRST INCIDENCE	695	593	599	668
STATISTICAL TESTS				
POLY 3	P=0.222N	P=0.004N**	P=0.100N	P=0.057N
POLY 1.5	P=0.228N	P=0.004N**	P=0.084N	P=0.055N
POLY 6	P=0.206N	P=0.004N**	P=0.124N	P=0.054N
RAO-SCOTT	P=0.255N	P=0.008N**	P=0.114N	P=0.069N
LITTER C-A/FISHERS	P=0.334N	P=0.067N	P=0.279N	P=0.171N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<hr/>				
Liver: Hepatocyte Hypertrophy				
<hr/>				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	2/29 (7%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	2/45.99	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	1/30 (3%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	708	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.247N	P=0.255N	P=0.260N	P=0.252N
POLY 1.5	P=0.252N	P=0.250N	P=0.250N	P=0.250N
POLY 6	P=0.242N	P=0.260N	P=0.274N	P=0.251N
RAO-SCOTT	P=0.395N	P=0.401N	P=0.402N	P=0.401N
LITTER C-A/FISHERS	P=0.259N	P=0.284N	P=0.284N	P=0.254N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<hr/>				
Liver: Hepatocyte Necrosis				
<hr/>				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)	1/50 (2%)
LITTERS (b)	1/29 (3%)	2/25 (8%)	2/25 (8%)	1/28 (4%)
POLY-3 RATE (c)	1/46.41	2/43.48	2/42.01	1/43.45
POLY-3 PERCENT (g)	2.2%	4.6%	4.8%	2.3%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	577	464	671	646
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.540N	P=0.477	P=0.465	P=0.746
POLY 1.5	P=0.538N	P=0.483	P=0.480	P=0.748
POLY 6	P=0.537N	P=0.472	P=0.448	P=0.746
RAO-SCOTT	P=0.535N	P=0.490	P=0.475	P=0.743
LITTER C-A/FISHERS	P=0.508N	P=0.443	P=0.443	P=0.746

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver: Hepatocyte Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	4/50 (8%)	6/50 (12%)	6/50 (12%)	7/50 (14%)
LITTERS (b)	4/29 (14%)	6/25 (24%)	5/25 (20%)	6/28 (21%)
POLY-3 RATE (c)	4/46.60	6/44.10	6/43.33	7/44.29
POLY-3 PERCENT (g)	8.6%	13.6%	13.9%	15.8%
TERMINAL (d)	0/30 (0%)	1/29 (3%)	1/24 (4%)	3/33 (9%)
FIRST INCIDENCE	577	572	488	617
STATISTICAL TESTS				
POLY 3	P=0.262	P=0.335	P=0.324	P=0.232
POLY 1.5	P=0.262	P=0.342	P=0.343	P=0.235
POLY 6	P=0.271	P=0.333	P=0.302	P=0.237
RAO-SCOTT	P=0.286	P=0.355	P=0.344	P=0.257
LITTER C-A/FISHERS	P=0.429	P=0.270	P=0.402	P=0.342

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<hr/>				
Lung Hemorrhage				
<hr/>				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	3/50 (6%)	1/50 (2%)
LITTERS (b)	1/29 (3%)	2/25 (8%)	2/25 (8%)	1/28 (4%)
POLY-3 RATE (c)	1/45.98	2/43.71	3/42.50	1/43.14
POLY-3 PERCENT (g)	2.2%	4.6%	7.1%	2.3%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	709	239	624	729 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.524N	P=0.482	P=0.277	P=0.746
POLY 1.5	P=0.522N	P=0.487	P=0.289	P=0.748
POLY 6	P=0.522N	P=0.478	P=0.264	P=0.747
RAO-SCOTT	P=0.548N	P=0.553	P=0.366	P=0.772
LITTER C-A/FISHERS	P=0.508N	P=0.443	P=0.443	P=0.746

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male

Lung: Alveolus
Infiltration Cellular Histiocyte

LESION RATES

OVERALL (a)	20/50 (40%)	15/50 (30%)	18/50 (36%)	17/50 (34%)
LITTERS (b)	16/29 (55%)	13/25 (52%)	14/25 (56%)	16/28 (57%)
POLY-3 RATE (c)	20/48.11	15/43.64	18/44.64	17/43.85
POLY-3 PERCENT (g)	41.6%	34.4%	40.3%	38.8%
TERMINAL (d)	10/30 (33%)	10/29 (35%)	8/24 (33%)	14/33 (42%)
FIRST INCIDENCE	508	593	467	619

STATISTICAL TESTS

POLY 3	P=0.543N	P=0.310N	P=0.535N	P=0.475N
POLY 1.5	P=0.527N	P=0.275N	P=0.487N	P=0.442N
POLY 6	P=0.550N	P=0.348N	P=0.577	P=0.501N
RAO-SCOTT	P=0.545N	P=0.314N	P=0.533N	P=0.474N
LITTER C-A/FISHERS	P=0.462	P=0.516N	P=0.585	P=0.547

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lung: Alveolus Infiltration Cellular Mixed Cell				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	2/29 (7%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	2/46.09	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	1/30 (3%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	680	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.247N	P=0.256N	P=0.261N	P=0.252N
POLY 1.5	P=0.252N	P=0.251N	P=0.251N	P=0.250N
POLY 6	P=0.241N	P=0.261N	P=0.275N	P=0.252N
RAO-SCOTT	P=0.392N	P=0.398N	P=0.398N	P=0.397N
LITTER C-A/FISHERS	P=0.259N	P=0.284N	P=0.284N	P=0.254N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lung: Interstitium Fibrosis				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	3/50 (6%)	1/50 (2%)
LITTERS (b)	1/29 (3%)	0/25 (0%)	2/25 (8%)	1/28 (4%)
POLY-3 RATE (c)	1/46.09	0/42.50	3/42.50	1/43.14
POLY-3 PERCENT (g)	2.2%	0%	7.1%	2.3%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	680	---	624	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.578	P=0.516N	P=0.277	P=0.746
POLY 1.5	P=0.578	P=0.512N	P=0.288	P=0.748
POLY 6	P=0.583	P=0.521N	P=0.263	P=0.746
RAO-SCOTT	P=0.622	P=0.673N	P=0.406	P=0.791
LITTER C-A/FISHERS	P=0.586	P=0.537N	P=0.443	P=0.746

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lymph Node: Lumbar Ectasia				
LESION RATES				
OVERALL (a)	2/4 (50%)	0/0 (0%)	0/1 (0%)	2/5 (40%)
LITTERS (b)	2/4 (50%)	0/0 (0%)	0/1 (0%)	2/5 (40%)
POLY-3 RATE (c)	2/3.92	0/0.00	0/1.00	2/5.00
POLY-3 PERCENT (g)	51.1%	0%	0%	40%
TERMINAL (d)	1/2 (50%)	0/0 (0%)	0/1 (0%)	2/5 (40%)
FIRST INCIDENCE	709	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	(e)	(e)	P=0.573N	P=0.622N
POLY 1.5	(e)	(e)	P=0.575N	P=0.626N
POLY 6	(e)	(e)	P=0.569N	P=0.614N
RAO-SCOTT	P=0.637N	(e)	P=0.655N	P=0.668N
LITTER C-A/FISHERS	P=0.622N	(e)	P=0.600N	P=0.643N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male

Lymph Node: Mediastinal Congestion

LESION RATES				
OVERALL (a)	0/4 (0%)	0/0 (0%)	0/1 (0%)	1/5 (20%)
LITTERS (b)	0/4 (0%)	0/0 (0%)	0/1 (0%)	1/5 (20%)
POLY-3 RATE (c)	0/3.84	0/0.00	0/1.00	1/5.00
POLY-3 PERCENT (g)	0%	0%	0%	20%
TERMINAL (d)	0/2 (0%)	0/0 (0%)	0/1 (0%)	1/5 (20%)
FIRST INCIDENCE	---	---	---	729 (T)

STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lymph Node: Renal Ectasia				
LESION RATES				
OVERALL (a)	0/4 (0%)	0/0 (0%)	0/1 (0%)	2/5 (40%)
LITTERS (b)	0/4 (0%)	0/0 (0%)	0/1 (0%)	2/5 (40%)
POLY-3 RATE (c)	0/3.84	0/0.00	0/1.00	2/5.00
POLY-3 PERCENT (g)	0%	0%	0%	40%
TERMINAL (d)	0/2 (0%)	0/0 (0%)	0/1 (0%)	2/5 (40%)
FIRST INCIDENCE	---	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	P=0.275
POLY 1.5	(e)	(e)	(e)	P=0.270
POLY 6	(e)	(e)	(e)	P=0.286
RAO-SCOTT	P=0.244	(e)	(e)	P=0.365
LITTER C-A/FISHERS	P=0.164	(e)	(e)	P=0.278

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Mammary Gland				
Galactocele				
<hr/>				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	0/44.90	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Mammary Gland Hyperplasia				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	0/44.90	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/29 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Mesentery: Fat Necrosis				
LESION RATES				
OVERALL (a)	0/1 (0%)	2/3 (67%)	0/1 (0%)	0/1 (0%)
LITTERS (b)	0/1 (0%)	2/3 (67%)	0/1 (0%)	0/1 (0%)
POLY-3 RATE (c)	0/1.00	2/3.00	0/0.78	0/1.00
POLY-3 PERCENT (g)	0%	66.7%	0%	0%
TERMINAL (d)	0/1 (0%)	2/3 (67%)	0/0 (0%)	0/1 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.521N	P=0.500	(e)	(e)
POLY 1.5	P=0.518N	P=0.500	(e)	(e)
POLY 6	P=0.526N	P=0.500	(e)	(e)
RAO-SCOTT	P=0.562N	P=0.551	(e)	(e)
LITTER C-A/FISHERS	P=0.517N	P=0.500	(e)	(e)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male

Nose: Olfactory Epithelium
Accumulation, Hyaline Droplet

LESION RATES

OVERALL (a)	42/50 (84%)	47/50 (94%)	47/50 (94%)	44/50 (88%)
LITTERS (b)	28/29 (97%)	25/25 (100%)	25/25 (100%)	27/28 (96%)
POLY-3 RATE (c)	42/49.52	47/48.05	47/49.09	44/48.53
POLY-3 PERCENT (g)	84.8%	97.8%	95.8%	90.7%
TERMINAL (d)	27/30 (90%)	29/29 (100%)	23/24 (96%)	31/33 (94%)
FIRST INCIDENCE	508	162	430	309

STATISTICAL TESTS

POLY 3	P=0.583	P=0.020*	P=0.058	P=0.280
POLY 1.5	P=0.557	P=0.034*	P=0.073	P=0.285
POLY 6	P=0.599N	P=0.012*	P=0.045*	P=0.281
RAO-SCOTT	P=0.595	P=0.050*	P=0.103	P=0.326
LITTER C-A/FISHERS	P=0.543N	P=0.537	P=0.537	P=0.746N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male

Pancreas: Acinus
Atrophy

LESION RATES

OVERALL (a)	6/50 (12%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	5/29 (17%)	2/25 (8%)	0/25 (0%)	1/28 (4%)
POLY-3 RATE (c)	6/46.32	2/42.58	0/41.59	1/43.14
POLY-3 PERCENT (g)	13%	4.7%	0%	2.3%
TERMINAL (d)	3/30 (10%)	1/29 (3%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	675	711	---	729 (T)

STATISTICAL TESTS

POLY 3	P=0.074N	P=0.162N	P=0.022N*	P=0.068N
POLY 1.5	P=0.076N	P=0.153N	P=0.019N*	P=0.066N
POLY 6	P=0.071N	P=0.170N	P=0.026N*	P=0.069N
RAO-SCOTT	P=0.149N	P=0.238N	P=0.065N	P=0.135N
LITTER C-A/FISHERS	P=0.117N	P=0.277N	P=0.038N*	P=0.105N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Pancreas: Acinus Hyperplasia				
LESION RATES				
OVERALL (a)	14/50 (28%)	7/50 (14%)	14/50 (28%)	6/50 (12%)
LITTERS (b)	13/29 (45%)	6/25 (24%)	14/25 (56%)	5/28 (18%)
POLY-3 RATE (c)	14/46.23	7/42.91	14/42.94	6/43.45
POLY-3 PERCENT (g)	30.3%	16.3%	32.6%	13.8%
TERMINAL (d)	10/30 (33%)	5/29 (17%)	9/24 (38%)	5/33 (15%)
FIRST INCIDENCE	695	640	573	646
STATISTICAL TESTS				
POLY 3	P=0.085N	P=0.094N	P=0.497	P=0.050N*
POLY 1.5	P=0.088N	P=0.088N	P=0.535	P=0.049N*
POLY 6	P=0.077N	P=0.099N	P=0.449	P=0.048N*
RAO-SCOTT	P=0.089N	P=0.092N	P=0.487	P=0.050N*
LITTER C-A/FISHERS	P=0.045N*	P=0.094N	P=0.293	P=0.028N*

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Pancreas: Arteriole Inflammation Chronic				
LESION RATES				
OVERALL (a)	4/50 (8%)	15/50 (30%)	10/50 (20%)	11/50 (22%)
LITTERS (b)	4/29 (14%)	10/25 (40%)	8/25 (32%)	11/28 (39%)
POLY-3 RATE (c)	4/46.23	15/44.73	10/44.28	11/43.51
POLY-3 PERCENT (g)	8.7%	33.5%	22.6%	25.3%
TERMINAL (d)	2/30 (7%)	4/29 (14%)	2/24 (8%)	10/33 (30%)
FIRST INCIDENCE	680	572	488	626
STATISTICAL TESTS				
POLY 3	P=0.239	P=0.003**	P=0.059	P=0.032*
POLY 1.5	P=0.248	P=0.003**	P=0.065	P=0.034*
POLY 6	P=0.237	P=0.003**	P=0.054	P=0.031*
RAO-SCOTT	P=0.290	P=0.012*	P=0.100	P=0.063
LITTER C-A/FISHERS	P=0.111	P=0.030*	P=0.101	P=0.029*

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Pancreas: Arteriole Necrosis				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	1/29 (3%)	3/25 (12%)	2/25 (8%)	0/28 (0%)
POLY-3 RATE (c)	1/46.09	3/42.82	2/41.69	0/43.14
POLY-3 PERCENT (g)	2.2%	7%	4.8%	0%
TERMINAL (d)	0/30 (0%)	1/29 (3%)	1/24 (4%)	0/33 (0%)
FIRST INCIDENCE	680	683	702	---
STATISTICAL TESTS				
POLY 3	P=0.199N	P=0.279	P=0.465	P=0.513N
POLY 1.5	P=0.198N	P=0.286	P=0.480	P=0.511N
POLY 6	P=0.198N	P=0.274	P=0.446	P=0.513N
RAO-SCOTT	P=0.240N	P=0.334	P=0.503	P=0.576N
LITTER C-A/FISHERS	P=0.177N	P=0.251	P=0.443	P=0.509N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Pancreas: Artery Inflammation Chronic				
LESION RATES				
OVERALL (a)	15/50 (30%)	16/50 (32%)	20/50 (40%)	18/50 (36%)
LITTERS (b)	12/29 (41%)	12/25 (48%)	13/25 (52%)	14/28 (50%)
POLY-3 RATE (c)	15/46.61	16/44.53	20/45.05	18/44.96
POLY-3 PERCENT (g)	32.2%	35.9%	44.4%	40%
TERMINAL (d)	9/30 (30%)	7/29 (24%)	8/24 (33%)	11/33 (33%)
FIRST INCIDENCE	675	572	488	619
STATISTICAL TESTS				
POLY 3	P=0.303	P=0.438	P=0.159	P=0.286
POLY 1.5	P=0.296	P=0.446	P=0.174	P=0.284
POLY 6	P=0.331	P=0.441	P=0.145	P=0.307
RAO-SCOTT	P=0.338	P=0.460	P=0.204	P=0.324
LITTER C-A/FISHERS	P=0.378	P=0.415	P=0.306	P=0.349

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Pancreas: Artery Necrosis				
LESION RATES				
OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	3/29 (10%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	3/46.09	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	6.5%	0%	0%	0%
TERMINAL (d)	2/30 (7%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	680	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.134N	P=0.134N	P=0.138N	P=0.131N
POLY 1.5	P=0.138N	P=0.130N	P=0.130N	P=0.129N
POLY 6	P=0.129N	P=0.138N	P=0.150N	P=0.131N
RAO-SCOTT	P=0.258N	P=0.248N	P=0.250N	P=0.247N
LITTER C-A/FISHERS	P=0.147N	P=0.147N	P=0.147N	P=0.125N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Parathyroid Gland Hyperplasia				
LESION RATES				
OVERALL (a)	27/49 (55%)	18/47 (38%)	15/45 (33%)	23/48 (48%)
LITTERS (b)	20/29 (69%)	14/25 (56%)	12/25 (48%)	17/27 (63%)
POLY-3 RATE (c)	27/46.06	18/42.65	15/38.72	23/42.70
POLY-3 PERCENT (g)	58.6%	42.2%	38.7%	53.9%
TERMINAL (d)	17/29 (59%)	9/28 (32%)	8/21 (38%)	16/31 (52%)
FIRST INCIDENCE	673	572	599	617
STATISTICAL TESTS				
POLY 3	P=0.454	P=0.087N	P=0.049N*	P=0.405N
POLY 1.5	P=0.458	P=0.089N	P=0.037N*	P=0.397N
POLY 6	P=0.465	P=0.080N	P=0.067N	P=0.393N
RAO-SCOTT	P=0.445	P=0.106N	P=0.065N	P=0.414N
LITTER C-A/FISHERS	P=0.568	P=0.242N	P=0.099N	P=0.424N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male

Pituitary Gland: Pars Distalis
Hyperplasia

LESION RATES

OVERALL (a)	16/50 (32%)	17/50 (34%)	10/50 (20%)	16/50 (32%)
LITTERS (b)	14/29 (48%)	14/25 (56%)	8/25 (32%)	12/28 (43%)
POLY-3 RATE (c)	16/46.57	17/43.04	10/42.13	16/43.53
POLY-3 PERCENT (g)	34.4%	39.5%	23.7%	36.8%
TERMINAL (d)	13/30 (43%)	15/29 (52%)	8/24 (33%)	14/33 (42%)
FIRST INCIDENCE	577	618	570	645

STATISTICAL TESTS

POLY 3	P=0.502	P=0.387	P=0.192N	P=0.493
POLY 1.5	P=0.503	P=0.418	P=0.162N	P=0.508
POLY 6	P=0.517	P=0.359	P=0.238N	P=0.493
RAO-SCOTT	P=0.498	P=0.390	P=0.201N	P=0.491
LITTER C-A/FISHERS	P=0.331N	P=0.385	P=0.175N	P=0.443N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male

Pituitary Gland: Pars Intermedia
Hyperplasia

LESION RATES

OVERALL (a)	0/50 (0%)	3/50 (6%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	3/25 (12%)	1/25 (4%)	0/28 (0%)
POLY-3 RATE (c)	0/45.90	3/42.50	1/41.59	0/43.14
POLY-3 PERCENT (g)	0%	7.1%	2.4%	0%
TERMINAL (d)	0/30 (0%)	3/29 (10%)	1/24 (4%)	0/33 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---

STATISTICAL TESTS

POLY 3	P=0.301N	P=0.105	P=0.480	(e)
POLY 1.5	P=0.298N	P=0.109	P=0.489	(e)
POLY 6	P=0.301N	P=0.102	P=0.469	(e)
RAO-SCOTT	P=0.358N	P=0.189	P=0.575	(e)
LITTER C-A/FISHERS	P=0.274N	P=0.093	P=0.463	(e)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Prostate Inflammation				
LESION RATES				
OVERALL (a)	4/50 (8%)	2/50 (4%)	5/50 (10%)	4/49 (8%)
LITTERS (b)	4/29 (14%)	2/25 (8%)	5/25 (20%)	4/28 (14%)
POLY-3 RATE (c)	4/45.96	2/42.74	5/42.52	4/43.21
POLY-3 PERCENT (g)	8.7%	4.7%	11.8%	9.3%
TERMINAL (d)	3/30 (10%)	0/29 (0%)	2/24 (8%)	3/33 (9%)
FIRST INCIDENCE	715	683	576	712
STATISTICAL TESTS				
POLY 3	P=0.456	P=0.371N	P=0.451	P=0.609
POLY 1.5	P=0.455	P=0.363N	P=0.471	P=0.613
POLY 6	P=0.464	P=0.378N	P=0.427	P=0.611
RAO-SCOTT	P=0.449	P=0.365N	P=0.444	P=0.601
LITTER C-A/FISHERS	P=0.494	P=0.409N	P=0.402	P=0.627

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male

Prostate: Epithelium
Hyperplasia

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/49 (4%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	2/28 (7%)
POLY-3 RATE (c)	0/45.90	0/42.50	0/41.59	2/43.14
POLY-3 PERCENT (g)	0%	0%	0%	4.6%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	2/33 (6%)
FIRST INCIDENCE	---	---	---	729 (T)

STATISTICAL TESTS

POLY 3	P=0.039*	(e)	(e)	P=0.223
POLY 1.5	P=0.039*	(e)	(e)	P=0.225
POLY 6	P=0.040*	(e)	(e)	P=0.224
RAO-SCOTT	P=0.146	(e)	(e)	P=0.396
LITTER C-A/FISHERS	P=0.046*	(e)	(e)	P=0.237

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Seminal Vesicle Inflammation				
<hr/>				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)	2/50 (4%)
LITTERS (b)	1/29 (3%)	2/25 (8%)	2/25 (8%)	2/28 (7%)
POLY-3 RATE (c)	1/45.92	2/42.74	2/42.22	2/43.21
POLY-3 PERCENT (g)	2.2%	4.7%	4.7%	4.6%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	724	683	576	712
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.480	P=0.475	P=0.471	P=0.479
POLY 1.5	P=0.482	P=0.481	P=0.483	P=0.482
POLY 6	P=0.484	P=0.470	P=0.455	P=0.480
RAO-SCOTT	P=0.483	P=0.472	P=0.467	P=0.477
LITTER C-A/FISHERS	P=0.514	P=0.443	P=0.443	P=0.487

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<hr/>				
Skin				
Cyst Epithelial Inclusion				
<hr/>				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	4/50 (8%)	3/50 (6%)
LITTERS (b)	1/29 (3%)	1/25 (4%)	4/25 (16%)	3/28 (11%)
POLY-3 RATE (c)	1/45.90	1/42.59	4/42.84	3/43.14
POLY-3 PERCENT (g)	2.2%	2.4%	9.3%	7%
TERMINAL (d)	1/30 (3%)	0/29 (0%)	1/24 (4%)	3/33 (9%)
FIRST INCIDENCE	729 (T)	708	562	729 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.226	P=0.744	P=0.158	P=0.283
POLY 1.5	P=0.227	P=0.748	P=0.167	P=0.286
POLY 6	P=0.229	P=0.740	P=0.148	P=0.284
RAO-SCOTT	P=0.256	P=0.742	P=0.191	P=0.314
LITTER C-A/FISHERS	P=0.255	P=0.716	P=0.133	P=0.292

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<hr/>				
Skin				
Inflammation				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	3/25 (12%)	0/28 (0%)
POLY-3 RATE (c)	0/45.90	0/42.50	3/41.71	0/43.14
POLY-3 PERCENT (g)	0%	0%	7.2%	0%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	2/24 (8%)	0/33 (0%)
FIRST INCIDENCE	---	---	698	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.635N	(e)	P=0.102	(e)
POLY 1.5	P=0.633N	(e)	P=0.109	(e)
POLY 6	P=0.632N	(e)	P=0.094	(e)
RAO-SCOTT	P=0.664N	(e)	P=0.224	(e)
LITTER C-A/FISHERS	P=0.607N	(e)	P=0.093	(e)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

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Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Skin				
Inflammation Chronic				
<hr/>				
LESION RATES				
OVERALL (a)	3/50 (6%)	4/50 (8%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	3/29 (10%)	4/25 (16%)	0/25 (0%)	1/28 (4%)
POLY-3 RATE (c)	3/45.96	4/43.30	0/41.59	1/43.14
POLY-3 PERCENT (g)	6.5%	9.2%	0%	2.3%
TERMINAL (d)	2/30 (7%)	2/29 (7%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	715	464	---	729 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.172N	P=0.468	P=0.137N	P=0.328N
POLY 1.5	P=0.172N	P=0.475	P=0.129N	P=0.325N
POLY 6	P=0.168N	P=0.461	P=0.149N	P=0.327N
RAO-SCOTT	P=0.215N	P=0.491	P=0.185N	P=0.371N
LITTER C-A/FISHERS	P=0.157N	P=0.415	P=0.147N	P=0.319N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male

Spinal Cord: Axon Degeneration

LESION RATES

OVERALL (a)	2/2 (100%)	0/1 (0%)	1/1 (100%)	0/0 (0%)
LITTERS (b)	2/2 (100%)	0/1 (0%)	1/1 (100%)	0/0 (0%)
POLY-3 RATE (c)	2/2.00	0/0.82	1/1.00	0/0.00
POLY-3 PERCENT (g)	100%	0%	100%	0%
TERMINAL (d)	2/2 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	729 (T)	---	576	---

STATISTICAL TESTS

POLY 3	(e)	P=0.333N	(e)	(e)
POLY 1.5	(e)	P=0.333N	(e)	(e)
POLY 6	(e)	P=0.333N	(e)	(e)
RAO-SCOTT	P=0.840	P=0.334N	(e)	(e)
LITTER C-A/FISHERS	P=0.827	P=0.333N	(e)	(e)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Spleen				
Extramedullary Hematopoiesis				
LESION RATES				
OVERALL (a)	21/50 (42%)	14/50 (28%)	14/50 (28%)	17/50 (34%)
LITTERS (b)	16/29 (55%)	13/25 (52%)	11/25 (44%)	13/28 (46%)
POLY-3 RATE (c)	21/47.57	14/44.82	14/44.74	17/45.74
POLY-3 PERCENT (g)	44.2%	31.2%	31.3%	37.2%
TERMINAL (d)	12/30 (40%)	5/29 (17%)	4/24 (17%)	9/33 (27%)
FIRST INCIDENCE	577	572	467	380
STATISTICAL TESTS				
POLY 3	P=0.486N	P=0.142N	P=0.143N	P=0.317N
POLY 1.5	P=0.497N	P=0.134N	P=0.125N	P=0.317N
POLY 6	P=0.464N	P=0.144N	P=0.166N	P=0.303N
RAO-SCOTT	P=0.501N	P=0.168N	P=0.169N	P=0.338N
LITTER C-A/FISHERS	P=0.336N	P=0.516N	P=0.293N	P=0.347N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Spleen Pigment				
LESION RATES				
OVERALL (a)	21/50 (42%)	24/50 (48%)	28/50 (56%)	27/50 (54%)
LITTERS (b)	19/29 (66%)	18/25 (72%)	19/25 (76%)	20/28 (71%)
POLY-3 RATE (c)	21/48.12	24/46.61	28/45.56	27/46.46
POLY-3 PERCENT (g)	43.6%	51.5%	61.5%	58.1%
TERMINAL (d)	11/30 (37%)	14/29 (48%)	15/24 (63%)	19/33 (58%)
FIRST INCIDENCE	508	162	430	309
STATISTICAL TESTS				
POLY 3	P=0.142	P=0.287	P=0.059	P=0.111
POLY 1.5	P=0.145	P=0.308	P=0.079	P=0.119
POLY 6	P=0.141	P=0.267	P=0.041*	P=0.107
RAO-SCOTT	P=0.152	P=0.289	P=0.066	P=0.117
LITTER C-A/FISHERS	P=0.466	P=0.415	P=0.295	P=0.423

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Spleen: White Pulp Atrophy				
LESION RATES				
OVERALL (a)	5/50 (10%)	5/50 (10%)	3/50 (6%)	9/50 (18%)
LITTERS (b)	4/29 (14%)	4/25 (16%)	2/25 (8%)	9/28 (32%)
POLY-3 RATE (c)	5/46.66	5/46.30	3/43.54	9/47.49
POLY-3 PERCENT (g)	10.7%	10.8%	6.9%	19%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	666	162	430	56
STATISTICAL TESTS				
POLY 3	P=0.094	P=0.625	P=0.395N	P=0.203
POLY 1.5	P=0.090	P=0.628	P=0.378N	P=0.198
POLY 6	P=0.102	P=0.619	P=0.422N	P=0.211
RAO-SCOTT	P=0.124	P=0.629	P=0.415N	P=0.235
LITTER C-A/FISHERS	P=0.033*	P=0.559	P=0.409N	P=0.091

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Stomach, Forestomach Fibrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	2/25 (8%)	0/28 (0%)
POLY-3 RATE (c)	0/45.90	0/42.50	2/41.94	0/43.14
POLY-3 PERCENT (g)	0%	0%	4.8%	0%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	640	---
STATISTICAL TESTS				
POLY 3	P=0.687N	(e)	P=0.217	(e)
POLY 1.5	P=0.687N	(e)	P=0.226	(e)
POLY 6	P=0.685N	(e)	P=0.208	(e)
RAO-SCOTT	P=0.728N	(e)	P=0.388	(e)
LITTER C-A/FISHERS	P=0.666N	(e)	P=0.210	(e)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Stomach, Forestomach Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	3/50 (6%)	2/50 (4%)
LITTERS (b)	2/29 (7%)	1/25 (4%)	3/25 (12%)	2/28 (7%)
POLY-3 RATE (c)	2/46.23	1/42.50	3/42.16	2/43.45
POLY-3 PERCENT (g)	4.3%	2.4%	7.1%	4.6%
TERMINAL (d)	0/30 (0%)	1/29 (3%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	666	729 (T)	640	646
STATISTICAL TESTS				
POLY 3	P=0.543	P=0.529N	P=0.458	P=0.671
POLY 1.5	P=0.542	P=0.521N	P=0.476	P=0.674
POLY 6	P=0.551	P=0.538N	P=0.436	P=0.672
RAO-SCOTT	P=0.539	P=0.528N	P=0.460	P=0.666
LITTER C-A/FISHERS	P=0.570	P=0.557N	P=0.428	P=0.681

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Stomach, Forestomach: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	4/50 (8%)	2/50 (4%)
LITTERS (b)	2/29 (7%)	0/25 (0%)	3/25 (12%)	2/28 (7%)
POLY-3 RATE (c)	2/46.23	0/42.50	4/42.53	2/43.45
POLY-3 PERCENT (g)	4.3%	0%	9.4%	4.6%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	666	---	624	646
STATISTICAL TESTS				
POLY 3	P=0.472	P=0.256N	P=0.299	P=0.671
POLY 1.5	P=0.470	P=0.251N	P=0.315	P=0.674
POLY 6	P=0.481	P=0.262N	P=0.281	P=0.672
RAO-SCOTT	P=0.507	P=0.365N	P=0.375	P=0.695
LITTER C-A/FISHERS	P=0.475	P=0.284N	P=0.428	P=0.681

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Stomach, Glandular Mineral				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	2/50 (4%)	2/50 (4%)
LITTERS (b)	2/29 (7%)	2/25 (8%)	1/25 (4%)	2/28 (7%)
POLY-3 RATE (c)	2/46.07	2/43.29	2/42.74	2/43.54
POLY-3 PERCENT (g)	4.3%	4.6%	4.7%	4.6%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	707	593	488	617
STATISTICAL TESTS				
POLY 3	P=0.612	P=0.671	P=0.667	P=0.673
POLY 1.5	P=0.611	P=0.676	P=0.678	P=0.676
POLY 6	P=0.617	P=0.668	P=0.651	P=0.676
RAO-SCOTT	P=0.614	P=0.677	P=0.672	P=0.680
LITTER C-A/FISHERS	P=0.629	P=0.636	P=0.557N	P=0.681

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Testes: Arteriole Necrosis				
LESION RATES				
OVERALL (a)	16/50 (32%)	19/50 (38%)	16/50 (32%)	25/50 (50%)
LITTERS (b)	12/29 (41%)	14/25 (56%)	11/25 (44%)	20/28 (71%)
POLY-3 RATE (c)	16/47.21	19/44.41	16/44.94	25/44.47
POLY-3 PERCENT (g)	33.9%	42.8%	35.6%	56.2%
TERMINAL (d)	7/30 (23%)	9/29 (31%)	5/24 (21%)	18/33 (55%)
FIRST INCIDENCE	666	572	488	619
STATISTICAL TESTS				
POLY 3	P=0.021*	P=0.254	P=0.519	P=0.023*
POLY 1.5	P=0.023*	P=0.272	P=0.545	P=0.027*
POLY 6	P=0.021*	P=0.240	P=0.486	P=0.022*
RAO-SCOTT	P=0.036*	P=0.281	P=0.526	P=0.041*
LITTER C-A/FISHERS	P=0.023*	P=0.212	P=0.532	P=0.021*

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male

Testes: Germinal Epithelium Atrophy

LESION RATES				
OVERALL (a)	13/50 (26%)	18/50 (36%)	12/50 (24%)	20/50 (40%)
LITTERS (b)	9/29 (31%)	13/25 (52%)	7/25 (28%)	16/28 (57%)
POLY-3 RATE (c)	13/46.71	18/44.69	12/44.30	20/44.39
POLY-3 PERCENT (g)	27.8%	40.3%	27.1%	45.1%
TERMINAL (d)	7/30 (23%)	8/29 (28%)	4/24 (17%)	14/33 (42%)
FIRST INCIDENCE	673	572	488	617

STATISTICAL TESTS				
POLY 3	P=0.088	P=0.148	P=0.562N	P=0.065
POLY 1.5	P=0.092	P=0.155	P=0.537N	P=0.069
POLY 6	P=0.090	P=0.149	P=0.592N	P=0.066
RAO-SCOTT	P=0.136	P=0.203	P=0.573N	P=0.112
LITTER C-A/FISHERS	P=0.066	P=0.099	P=0.523N	P=0.042*

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Testes: Interstitial Cell Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	5/50 (10%)
LITTERS (b)	1/29 (3%)	0/25 (0%)	0/25 (0%)	5/28 (18%)
POLY-3 RATE (c)	1/45.90	0/42.50	0/41.59	5/43.67
POLY-3 PERCENT (g)	2.2%	0%	0%	11.5%
TERMINAL (d)	1/30 (3%)	0/29 (0%)	0/24 (0%)	2/33 (6%)
FIRST INCIDENCE	729 (T)	---	---	619
STATISTICAL TESTS				
POLY 3	P=0.003**	P=0.515N	P=0.520N	P=0.090
POLY 1.5	P=0.003**	P=0.511N	P=0.511N	P=0.091
POLY 6	P=0.003**	P=0.519N	P=0.530N	P=0.092
RAO-SCOTT	P=0.017*	P=0.618N	P=0.616N	P=0.167
LITTER C-A/FISHERS	P=0.004**	P=0.537N	P=0.537N	P=0.089

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Thymus Atrophy				
LESION RATES				
OVERALL (a)	17/46 (37%)	19/48 (40%)	21/48 (44%)	16/49 (33%)
LITTERS (b)	14/29 (48%)	14/25 (56%)	17/25 (68%)	13/28 (46%)
POLY-3 RATE (c)	17/45.04	19/47.04	21/46.97	16/47.71
POLY-3 PERCENT (g)	37.7%	40.4%	44.7%	33.5%
TERMINAL (d)	1/28 (4%)	0/28 (0%)	0/24 (0%)	2/33 (6%)
FIRST INCIDENCE	508	162	488	56
STATISTICAL TESTS				
POLY 3	P=0.292N	P=0.481	P=0.321	P=0.419N
POLY 1.5	P=0.291N	P=0.473	P=0.321	P=0.421N
POLY 6	P=0.291N	P=0.496	P=0.322	P=0.413N
RAO-SCOTT	P=0.314N	P=0.497	P=0.347	P=0.439N
LITTER C-A/FISHERS	P=0.358N	P=0.385	P=0.118	P=0.550N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Thyroid Gland: C-Cell Hyperplasia				
LESION RATES				
OVERALL (a)	7/50 (14%)	9/50 (18%)	7/50 (14%)	4/50 (8%)
LITTERS (b)	6/29 (21%)	9/25 (36%)	6/25 (24%)	4/28 (14%)
POLY-3 RATE (c)	7/45.90	9/42.78	7/43.37	4/43.14
POLY-3 PERCENT (g)	15.3%	21%	16.1%	9.3%
TERMINAL (d)	7/30 (23%)	6/29 (21%)	3/24 (13%)	4/33 (12%)
FIRST INCIDENCE	729 (T)	683	576	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.150N	P=0.333	P=0.569	P=0.297N
POLY 1.5	P=0.150N	P=0.348	P=0.586	P=0.293N
POLY 6	P=0.144N	P=0.322	P=0.550	P=0.294N
RAO-SCOTT	P=0.159N	P=0.342	P=0.566	P=0.308N
LITTER C-A/FISHERS	P=0.147N	P=0.172	P=0.513	P=0.388N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Urinary Bladder Inflammation				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	3/50 (6%)
LITTERS (b)	1/29 (3%)	1/25 (4%)	0/25 (0%)	3/28 (11%)
POLY-3 RATE (c)	1/45.92	1/42.56	0/41.59	3/44.21
POLY-3 PERCENT (g)	2.2%	2.4%	0%	6.8%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	724	715	---	56
STATISTICAL TESTS				
POLY 3	P=0.123	P=0.744	P=0.520N	P=0.292
POLY 1.5	P=0.122	P=0.748	P=0.511N	P=0.294
POLY 6	P=0.126	P=0.740	P=0.531N	P=0.293
RAO-SCOTT	P=0.170	P=0.750	P=0.567N	P=0.344
LITTER C-A/FISHERS	P=0.131	P=0.716	P=0.537N	P=0.292

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Cortex				
Angiectasis				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	2/25 (8%)	1/25 (4%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	2/43.07	1/44.78	0/40.26
POLY-3 PERCENT (g)	0%	4.6%	2.2%	0%
TERMINAL (d)	0/30 (0%)	2/33 (6%)	1/34 (3%)	0/26 (0%)
FIRST INCIDENCE	---	730 (T)	730 (T)	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.375N	P=0.258	P=0.526	(e)
POLY 1.5	P=0.378N	P=0.249	P=0.515	(e)
POLY 6	P=0.375N	P=0.269	P=0.538	(e)
RAO-SCOTT	P=0.434N	P=0.332	P=0.588	(e)
LITTER C-A/FISHERS	P=0.367N	P=0.210	P=0.463	(e)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Cortex				
Hyperplasia Focal				
<hr/>				
LESION RATES				
OVERALL (a)	9/50 (18%)	9/50 (18%)	12/50 (24%)	13/50 (26%)
LITTERS (b)	9/29 (31%)	7/25 (28%)	10/25 (40%)	10/29 (34%)
POLY-3 RATE (c)	9/39.71	9/43.70	12/45.30	13/43.51
POLY-3 PERCENT (g)	22.7%	20.6%	26.5%	29.9%
TERMINAL (d)	7/30 (23%)	5/33 (15%)	10/34 (29%)	4/26 (15%)
FIRST INCIDENCE	644	641	603	411
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.207	P=0.515N	P=0.438	P=0.309
POLY 1.5	P=0.193	P=0.553N	P=0.383	P=0.273
POLY 6	P=0.214	P=0.471N	P=0.497	P=0.343
RAO-SCOTT	P=0.230	P=0.513N	P=0.444	P=0.324
LITTER C-A/FISHERS	P=0.429	P=0.523N	P=0.343	P=0.500

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Cortex Hypertrophy Focal				
LESION RATES				
OVERALL (a)	25/50 (50%)	42/50 (84%)	39/50 (78%)	27/50 (54%)
LITTERS (b)	21/29 (72%)	24/25 (96%)	24/25 (96%)	20/29 (69%)
POLY-3 RATE (c)	25/42.42	42/46.65	39/46.54	27/44.14
POLY-3 PERCENT (g)	58.9%	90%	83.8%	61.2%
TERMINAL (d)	17/30 (57%)	31/33 (94%)	30/34 (88%)	15/26 (58%)
FIRST INCIDENCE	505	458	511	379
STATISTICAL TESTS				
POLY 3	P=0.052N	P<0.001**	P=0.005**	P=0.503
POLY 1.5	P=0.062N	P<0.001**	P=0.003**	P=0.469
POLY 6	P=0.061N	P<0.001**	P=0.009**	P=0.504
RAO-SCOTT	P=0.097N	P=0.002**	P=0.014*	P=0.503
LITTER C-A/FISHERS	P=0.084N	P=0.022*	P=0.022*	P=0.500N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Cortex				
Necrosis				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	2/25 (8%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	1/43.82	2/45.90	0/40.26
POLY-3 PERCENT (g)	0%	2.3%	4.4%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	458	498	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.500N	P=0.522	P=0.274	(e)
POLY 1.5	P=0.501N	P=0.513	P=0.258	(e)
POLY 6	P=0.506N	P=0.532	P=0.291	(e)
RAO-SCOTT	P=0.534N	P=0.575	P=0.347	(e)
LITTER C-A/FISHERS	P=0.481N	P=0.463	P=0.210	(e)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Cortex				
Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	0/50 (0%)	3/50 (6%)	3/50 (6%)	1/50 (2%)
LITTERS (b)	0/29 (0%)	3/25 (12%)	3/25 (12%)	1/29 (3%)
POLY-3 RATE (c)	0/39.26	3/43.13	3/44.78	1/40.76
POLY-3 PERCENT (g)	0%	7%	6.7%	2.5%
TERMINAL (d)	0/30 (0%)	2/33 (6%)	3/34 (9%)	0/26 (0%)
FIRST INCIDENCE	---	714	730 (T)	578
STATISTICAL TESTS				
POLY 3	P=0.528N	P=0.136	P=0.144	P=0.508
POLY 1.5	P=0.533N	P=0.129	P=0.133	P=0.504
POLY 6	P=0.529N	P=0.145	P=0.156	P=0.509
RAO-SCOTT	P=0.544N	P=0.169	P=0.178	P=0.509
LITTER C-A/FISHERS	P=0.509N	P=0.093	P=0.093	P=0.500

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Medulla Hyperplasia				
LESION RATES				
OVERALL (a)	12/50 (24%)	4/50 (8%)	11/50 (22%)	5/50 (10%)
LITTERS (b)	11/29 (38%)	4/25 (16%)	9/25 (36%)	5/29 (17%)
POLY-3 RATE (c)	12/39.82	4/43.59	11/44.97	5/41.06
POLY-3 PERCENT (g)	30.1%	9.2%	24.5%	12.2%
TERMINAL (d)	10/30 (33%)	2/33 (6%)	10/34 (29%)	3/26 (12%)
FIRST INCIDENCE	610	645	681	543
STATISTICAL TESTS				
POLY 3	P=0.156N	P=0.014N*	P=0.366N	P=0.040N*
POLY 1.5	P=0.150N	P=0.018N*	P=0.422N	P=0.046N*
POLY 6	P=0.174N	P=0.010N**	P=0.311N	P=0.038N*
RAO-SCOTT	P=0.161N	P=0.023N*	P=0.374N	P=0.055N
LITTER C-A/FISHERS	P=0.137N	P=0.067N	P=0.555N	P=0.070N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Blood Vessel: Aorta				
Mineral				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Bone Marrow				
Hypercellularity				
LESION RATES				
OVERALL (a)	34/50 (68%)	26/50 (52%)	25/50 (50%)	32/50 (64%)
LITTERS (b)	25/29 (86%)	22/25 (88%)	19/25 (76%)	21/29 (72%)
POLY-3 RATE (c)	34/48.80	26/46.75	25/48.66	32/47.55
POLY-3 PERCENT (g)	69.7%	55.6%	51.4%	67.3%
TERMINAL (d)	16/30 (53%)	16/33 (49%)	13/34 (38%)	12/26 (46%)
FIRST INCIDENCE	344	458	498	411
STATISTICAL TESTS				
POLY 3	P=0.360	P=0.110N	P=0.048N*	P=0.488N
POLY 1.5	P=0.352	P=0.098N	P=0.052N	P=0.483N
POLY 6	P=0.369	P=0.127N	P=0.045N*	P=0.494N
RAO-SCOTT	P=0.363	P=0.126N	P=0.060N	P=0.493N
LITTER C-A/FISHERS	P=0.095N	P=0.585	P=0.270N	P=0.166N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female

Eye: Cornea
Inflammation Chronic

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	0/49 (0%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	3/25 (12%)	1/29 (3%)
POLY-3 RATE (c)	0/38.68	1/43.07	3/44.78	1/40.58
POLY-3 PERCENT (g)	0%	2.3%	6.7%	2.5%
TERMINAL (d)	0/30 (0%)	1/33 (3%)	3/34 (9%)	0/26 (0%)
FIRST INCIDENCE	---	730 (T)	730 (T)	641
STATISTICAL TESTS				
POLY 3	P=0.552	P=0.521	P=0.147	P=0.510
POLY 1.5	P=0.550	P=0.514	P=0.136	P=0.507
POLY 6	P=0.545	P=0.529	P=0.158	P=0.510
RAO-SCOTT	P=0.545	P=0.533	P=0.183	P=0.513
LITTER C-A/FISHERS	P=0.570	P=0.463	P=0.093	P=0.500

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

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Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Heart: Atrium				
Thrombus				
<hr/>				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/38.68	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Heart: Schwann Cell Hyperplasia				
<hr/>				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/38.68	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Intestine Large, Colon				
Parasite Metazoan				
<hr/>				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	4/50 (8%)	0/50 (0%)
LITTERS (b)	2/29 (7%)	2/25 (8%)	4/25 (16%)	0/29 (0%)
POLY-3 RATE (c)	2/40.55	2/43.13	4/44.82	0/40.26
POLY-3 PERCENT (g)	4.9%	4.6%	8.9%	0%
TERMINAL (d)	0/30 (0%)	1/33 (3%)	3/34 (9%)	0/26 (0%)
FIRST INCIDENCE	387	714	721	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.177N	P=0.672N	P=0.384	P=0.238N
POLY 1.5	P=0.173N	P=0.682N	P=0.364	P=0.239N
POLY 6	P=0.188N	P=0.660N	P=0.407	P=0.241N
RAO-SCOTT	P=0.186N	P=0.657N	P=0.391	P=0.243N
LITTER C-A/FISHERS	P=0.149N	P=0.636	P=0.265	P=0.246N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Intestine Large, Rectum Parasite Metazoan				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	7/50 (14%)	10/50 (20%)
LITTERS (b)	2/29 (7%)	3/25 (12%)	7/25 (28%)	9/29 (31%)
POLY-3 RATE (c)	2/39.58	3/43.50	7/44.78	10/42.35
POLY-3 PERCENT (g)	5.1%	6.9%	15.6%	23.6%
TERMINAL (d)	1/30 (3%)	1/33 (3%)	7/34 (21%)	6/26 (23%)
FIRST INCIDENCE	641	672	730 (T)	411
STATISTICAL TESTS				
POLY 3	P=0.006**	P=0.543	P=0.111	P=0.017*
POLY 1.5	P=0.006**	P=0.525	P=0.097	P=0.016*
POLY 6	P=0.005**	P=0.564	P=0.127	P=0.018*
RAO-SCOTT	P=0.010**	P=0.534	P=0.128	P=0.027*
LITTER C-A/FISHERS	P=0.018*	P=0.428	P=0.043*	P=0.021*

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Kidney Cyst				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney				
Mineral				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	2/25 (8%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	2/45.30	0/40.26
POLY-3 PERCENT (g)	0%	0%	4.4%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	603	---
STATISTICAL TESTS				
POLY 3	P=0.680N	(e)	P=0.270	(e)
POLY 1.5	P=0.679N	(e)	P=0.256	(e)
POLY 6	P=0.687N	(e)	P=0.287	(e)
RAO-SCOTT	P=0.705N	(e)	P=0.392	(e)
LITTER C-A/FISHERS	P=0.657N	(e)	P=0.210	(e)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney				
Nephropathy Chronic Progressive				
LESION RATES				
OVERALL (a)	44/50 (88%)	46/50 (92%)	46/50 (92%)	45/50 (90%)
LITTERS (b)	28/29 (97%)	25/25 (100%)	25/25 (100%)	28/29 (97%)
POLY-3 RATE (c)	44/47.31	46/48.76	46/48.76	45/46.71
POLY-3 PERCENT (g)	93%	94.3%	94.4%	96.3%
TERMINAL (d)	28/30 (93%)	32/33 (97%)	34/34 (100%)	26/26 (100%)
FIRST INCIDENCE	344	308	498	379
STATISTICAL TESTS				
POLY 3	P=0.334	P=0.566	P=0.564	P=0.382
POLY 1.5	P=0.377	P=0.501	P=0.452	P=0.391
POLY 6	P=0.289	P=0.595	P=0.651	P=0.358
RAO-SCOTT	P=0.346	P=0.557	P=0.556	P=0.393
LITTER C-A/FISHERS	P=0.551N	P=0.537	P=0.537	P=0.754

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney: Pelvis Dilation				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/29 (3%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	1/39.57	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	2.5%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	644	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney: Pelvis Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	0/25 (0%)	1/29 (3%)
POLY-3 RATE (c)	0/39.26	1/43.99	0/44.78	1/40.50
POLY-3 PERCENT (g)	0%	2.3%	0%	2.5%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	308	---	667
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver Angiectasis				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	1/29 (3%)	3/25 (12%)	0/25 (0%)	2/29 (7%)
POLY-3 RATE (c)	1/39.26	3/43.07	0/44.78	2/40.26
POLY-3 PERCENT (g)	2.6%	7%	0%	5%
TERMINAL (d)	1/30 (3%)	3/33 (9%)	0/34 (0%)	2/26 (8%)
FIRST INCIDENCE	730 (T)	730 (T)	---	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.564	P=0.339	P=0.474N	P=0.509
POLY 1.5	P=0.563	P=0.325	P=0.485N	P=0.504
POLY 6	P=0.560	P=0.355	P=0.462N	P=0.509
RAO-SCOTT	P=0.554	P=0.364	P=0.500N	P=0.512
LITTER C-A/FISHERS	P=0.590	P=0.251	P=0.537N	P=0.500

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Liver				
Basophilic Focus				
<hr/>				
LESION RATES				
OVERALL (a)	6/50 (12%)	11/50 (22%)	12/50 (24%)	4/50 (8%)
LITTERS (b)	5/29 (17%)	10/25 (40%)	10/25 (40%)	4/29 (14%)
POLY-3 RATE (c)	6/39.58	11/43.28	12/45.23	4/40.60
POLY-3 PERCENT (g)	15.2%	25.4%	26.5%	9.9%
TERMINAL (d)	5/30 (17%)	10/33 (30%)	9/34 (27%)	2/26 (8%)
FIRST INCIDENCE	641	674	641	679
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.108N	P=0.188	P=0.155	P=0.352N
POLY 1.5	P=0.109N	P=0.167	P=0.127	P=0.361N
POLY 6	P=0.116N	P=0.213	P=0.191	P=0.350N
RAO-SCOTT	P=0.133N	P=0.208	P=0.177	P=0.358N
LITTER C-A/FISHERS	P=0.126N	P=0.060	P=0.060	P=0.500N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Liver				
Clear Cell Focus				
<hr/>				
LESION RATES				
OVERALL (a)	12/50 (24%)	9/50 (18%)	14/50 (28%)	7/50 (14%)
LITTERS (b)	12/29 (41%)	8/25 (32%)	13/25 (52%)	6/29 (21%)
POLY-3 RATE (c)	12/39.26	9/43.07	14/44.78	7/40.26
POLY-3 PERCENT (g)	30.6%	20.9%	31.3%	17.4%
TERMINAL (d)	12/30 (40%)	9/33 (27%)	14/34 (41%)	7/26 (27%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	730 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.171N	P=0.224N	P=0.567	P=0.129N
POLY 1.5	P=0.166N	P=0.260N	P=0.499	P=0.140N
POLY 6	P=0.190N	P=0.187N	P=0.550N	P=0.124N
RAO-SCOTT	P=0.160N	P=0.217N	P=0.552	P=0.125N
LITTER C-A/FISHERS	P=0.065N	P=0.335N	P=0.306	P=0.077N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Liver				
Eosinophilic Focus				
<hr/>				
LESION RATES				
OVERALL (a)	15/50 (30%)	6/50 (12%)	16/50 (32%)	12/50 (24%)
LITTERS (b)	14/29 (48%)	5/25 (20%)	13/25 (52%)	11/29 (38%)
POLY-3 RATE (c)	15/39.58	6/43.78	16/45.11	12/40.45
POLY-3 PERCENT (g)	37.9%	13.7%	35.5%	29.7%
TERMINAL (d)	14/30 (47%)	4/33 (12%)	15/34 (44%)	11/26 (42%)
FIRST INCIDENCE	641	617	641	679
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.454	P=0.009N**	P=0.498N	P=0.290N
POLY 1.5	P=0.480	P=0.013N*	P=0.573N	P=0.308N
POLY 6	P=0.400	P=0.006N**	P=0.416N	P=0.288N
RAO-SCOTT	P=0.470	P=0.012N*	P=0.487N	P=0.285N
LITTER C-A/FISHERS	P=0.543N	P=0.029N*	P=0.500	P=0.298N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver				
Extramedullary Hematopoiesis				
LESION RATES				
OVERALL (a)	8/50 (16%)	7/50 (14%)	3/50 (6%)	7/50 (14%)
LITTERS (b)	7/29 (24%)	7/25 (28%)	3/25 (12%)	7/29 (24%)
POLY-3 RATE (c)	8/42.90	7/44.35	3/44.78	7/43.87
POLY-3 PERCENT (g)	18.7%	15.8%	6.7%	16%
TERMINAL (d)	2/30 (7%)	3/33 (9%)	3/34 (9%)	0/26 (0%)
FIRST INCIDENCE	344	458	730 (T)	379
STATISTICAL TESTS				
POLY 3	P=0.543N	P=0.472N	P=0.084N	P=0.481N
POLY 1.5	P=0.544N	P=0.485N	P=0.091N	P=0.491N
POLY 6	P=0.550N	P=0.457N	P=0.079N	P=0.480N
RAO-SCOTT	P=0.535N	P=0.469N	P=0.096N	P=0.478N
LITTER C-A/FISHERS	P=0.565N	P=0.494	P=0.215N	P=0.620

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Liver				
Hepatodiaphragmatic Nodule				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver: Bile Duct Cyst				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	8/50 (16%)	2/50 (4%)
LITTERS (b)	2/29 (7%)	2/25 (8%)	7/25 (28%)	2/29 (7%)
POLY-3 RATE (c)	2/39.26	2/43.07	8/44.87	2/40.26
POLY-3 PERCENT (g)	5.1%	4.6%	17.8%	5%
TERMINAL (d)	2/30 (7%)	2/33 (6%)	7/34 (21%)	2/26 (8%)
FIRST INCIDENCE	730 (T)	730 (T)	709	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.528N	P=0.661N	P=0.070	P=0.686N
POLY 1.5	P=0.523N	P=0.675N	P=0.059	P=0.690N
POLY 6	P=0.547N	P=0.644N	P=0.085	P=0.687N
RAO-SCOTT	P=0.531N	P=0.655N	P=0.106	P=0.672N
LITTER C-A/FISHERS	P=0.487N	P=0.636	P=0.043*	P=0.694

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver: Bile Duct Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	2/25 (8%)	1/29 (3%)
POLY-3 RATE (c)	0/39.26	0/43.07	2/44.97	1/40.52
POLY-3 PERCENT (g)	0%	0%	4.5%	2.5%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	1/34 (3%)	0/26 (0%)
FIRST INCIDENCE	---	---	681	659
STATISTICAL TESTS				
POLY 3	P=0.381	(e)	P=0.269	P=0.506
POLY 1.5	P=0.381	(e)	P=0.255	P=0.503
POLY 6	P=0.374	(e)	P=0.284	P=0.507
RAO-SCOTT	P=0.429	(e)	P=0.350	P=0.559
LITTER C-A/FISHERS	P=0.404	(e)	P=0.210	P=0.500

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Liver: Hepatocyte Hypertrophy				
<hr/>				
LESION RATES				
OVERALL (a)	5/50 (10%)	2/50 (4%)	2/50 (4%)	3/50 (6%)
LITTERS (b)	5/29 (17%)	2/25 (8%)	2/25 (8%)	3/29 (10%)
POLY-3 RATE (c)	5/40.22	2/43.07	2/44.78	3/42.06
POLY-3 PERCENT (g)	12.4%	4.6%	4.5%	7.1%
TERMINAL (d)	3/30 (10%)	2/33 (6%)	2/34 (6%)	0/26 (0%)
FIRST INCIDENCE	571	730 (T)	730 (T)	379
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.493N	P=0.188N	P=0.174N	P=0.331N
POLY 1.5	P=0.489N	P=0.199N	P=0.191N	P=0.341N
POLY 6	P=0.505N	P=0.177N	P=0.159N	P=0.330N
RAO-SCOTT	P=0.478N	P=0.201N	P=0.189N	P=0.335N
LITTER C-A/FISHERS	P=0.444N	P=0.277N	P=0.277N	P=0.353N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Liver: Hepatocyte Necrosis				
<hr/>				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	4/50 (8%)
LITTERS (b)	2/29 (7%)	3/25 (12%)	2/25 (8%)	3/29 (10%)
POLY-3 RATE (c)	2/39.68	3/44.19	2/44.89	4/42.12
POLY-3 PERCENT (g)	5%	6.8%	4.5%	9.5%
TERMINAL (d)	1/30 (3%)	1/33 (3%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	610	308	712	474
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.295	P=0.549	P=0.649N	P=0.364
POLY 1.5	P=0.292	P=0.530	P=0.668N	P=0.352
POLY 6	P=0.293	P=0.569	P=0.628N	P=0.373
RAO-SCOTT	P=0.324	P=0.558	P=0.649N	P=0.391
LITTER C-A/FISHERS	P=0.520	P=0.428	P=0.636	P=0.500

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver: Hepatocyte Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	3/50 (6%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	1/25 (4%)	3/29 (10%)
POLY-3 RATE (c)	0/39.26	1/43.07	1/44.87	3/40.58
POLY-3 PERCENT (g)	0%	2.3%	2.2%	7.4%
TERMINAL (d)	0/30 (0%)	1/33 (3%)	0/34 (0%)	2/26 (8%)
FIRST INCIDENCE	---	730 (T)	709	641
STATISTICAL TESTS				
POLY 3	P=0.065	P=0.518	P=0.527	P=0.124
POLY 1.5	P=0.065	P=0.511	P=0.515	P=0.121
POLY 6	P=0.063	P=0.527	P=0.539	P=0.124
RAO-SCOTT	P=0.091	P=0.540	P=0.553	P=0.162
LITTER C-A/FISHERS	P=0.078	P=0.463	P=0.463	P=0.118

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Lung Hemorrhage				
<hr/>				
LESION RATES				
OVERALL (a)	0/49 (0%)	1/50 (2%)	0/50 (0%)	3/50 (6%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	0/25 (0%)	2/29 (7%)
POLY-3 RATE (c)	0/38.68	1/43.21	0/44.78	3/41.63
POLY-3 PERCENT (g)	0%	2.3%	0%	7.2%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	694	---	578
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.041*	P=0.522	(e)	P=0.132
POLY 1.5	P=0.041*	P=0.515	(e)	P=0.127
POLY 6	P=0.041*	P=0.530	(e)	P=0.135
RAO-SCOTT	P=0.148	P=0.684	(e)	P=0.291
LITTER C-A/FISHERS	P=0.166	P=0.463	(e)	P=0.246

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female

Lung: Alveolus
Infiltration Cellular Histiocyte

LESION RATES

OVERALL (a)	38/49 (78%)	38/50 (76%)	45/50 (90%)	40/50 (80%)
LITTERS (b)	25/29 (86%)	24/25 (96%)	25/25 (100%)	26/29 (90%)
POLY-3 RATE (c)	38/43.53	38/47.71	45/48.22	40/46.08
POLY-3 PERCENT (g)	87.3%	79.7%	93.3%	86.8%
TERMINAL (d)	28/30 (93%)	24/33 (73%)	33/34 (97%)	23/26 (89%)
FIRST INCIDENCE	387	308	498	474

STATISTICAL TESTS

POLY 3	P=0.430	P=0.230N	P=0.241	P=0.608N
POLY 1.5	P=0.403	P=0.343N	P=0.130	P=0.556
POLY 6	P=0.433	P=0.131N	P=0.421	P=0.520N
RAO-SCOTT	P=0.452	P=0.271N	P=0.296	P=0.598N
LITTER C-A/FISHERS	P=0.551N	P=0.225	P=0.075	P=0.500

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Lung: Alveolus Infiltration Cellular Mixed Cell				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/38.68	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Lung: Interstitium Fibrosis				
LESION RATES				
OVERALL (a)	0/49 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/38.68	1/43.21	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	694	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Lymph Node: Lumbar Ectasia				
<hr/>				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)
LITTERS (b)	0/0 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)
POLY-3 RATE (c)	0/0.00	0/0.78	0/0.69	0/0.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Lymph Node: Mediastinal Congestion				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/1 (0%)	2/2 (100%)	0/1 (0%)
LITTERS (b)	0/0 (0%)	0/1 (0%)	2/2 (100%)	0/1 (0%)
POLY-3 RATE (c)	0/0.00	0/0.78	2/2.00	0/0.56
POLY-3 PERCENT (g)	0%	0%	100%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	498	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
RAO-SCOTT	(e)	(e)	(e)	(e)
LITTER C-A/FISHERS	(e)	(e)	(e)	(e)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Lymph Node: Renal Ectasia				
<hr/>				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)
LITTERS (b)	0/0 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)
POLY-3 RATE (c)	0/0.00	0/0.78	0/0.69	0/0.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Mammary Gland Galactocele				
LESION RATES				
OVERALL (a)	3/50 (6%)	5/50 (10%)	3/50 (6%)	1/49 (2%)
LITTERS (b)	3/29 (10%)	4/25 (16%)	3/25 (12%)	1/29 (3%)
POLY-3 RATE (c)	3/40.20	5/43.61	3/44.89	1/40.34
POLY-3 PERCENT (g)	7.5%	11.5%	6.7%	2.5%
TERMINAL (d)	1/30 (3%)	3/33 (9%)	1/34 (3%)	0/26 (0%)
FIRST INCIDENCE	571	617	709	709
STATISTICAL TESTS				
POLY 3	P=0.140N	P=0.401	P=0.611N	P=0.303N
POLY 1.5	P=0.138N	P=0.383	P=0.632N	P=0.305N
POLY 6	P=0.149N	P=0.423	P=0.589N	P=0.308N
RAO-SCOTT	P=0.173N	P=0.420	P=0.611N	P=0.330N
LITTER C-A/FISHERS	P=0.147N	P=0.415	P=0.591	P=0.306N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Mammary Gland Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	3/50 (6%)	1/49 (2%)
LITTERS (b)	1/29 (3%)	2/25 (8%)	3/25 (12%)	1/29 (3%)
POLY-3 RATE (c)	1/39.26	2/43.07	3/45.11	1/40.77
POLY-3 PERCENT (g)	2.6%	4.6%	6.7%	2.5%
TERMINAL (d)	1/30 (3%)	2/33 (6%)	1/34 (3%)	0/26 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	667	577
STATISTICAL TESTS				
POLY 3	P=0.498N	P=0.532	P=0.357	P=0.753N
POLY 1.5	P=0.499N	P=0.519	P=0.334	P=0.756N
POLY 6	P=0.504N	P=0.548	P=0.382	P=0.751N
RAO-SCOTT	P=0.499N	P=0.517	P=0.357	P=0.724N
LITTER C-A/FISHERS	P=0.470N	P=0.443	P=0.251	P=0.754

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Mesentery: Fat Necrosis				
LESION RATES				
OVERALL (a)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/1 (0%)
LITTERS (b)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/1 (0%)
POLY-3 RATE (c)	1/1.00	0/0.00	0/0.00	0/0.50
POLY-3 PERCENT (g)	100%	0%	0%	0%
TERMINAL (d)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	730 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Nose: Olfactory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	49/50 (98%)	48/50 (96%)	50/50 (100%)	47/50 (94%)
LITTERS (b)	29/29 (100%)	25/25 (100%)	25/25 (100%)	29/29 (100%)
POLY-3 RATE (c)	49/50.00	48/49.72	50/50.00	47/48.74
POLY-3 PERCENT (g)	98%	96.5%	100%	96.4%
TERMINAL (d)	29/30 (97%)	33/33 (100%)	34/34 (100%)	25/26 (96%)
FIRST INCIDENCE	344	308	109	379
STATISTICAL TESTS				
POLY 3	P=0.493N	P=0.568N	P=0.500	P=0.557N
POLY 1.5	P=0.471N	P=0.534N	P=0.500	P=0.526N
POLY 6	P=0.531N	P=0.632N	P=0.500	P=0.610N
RAO-SCOTT	P=0.517N	P=0.599N	P=0.564	P=0.587N
LITTER C-A/FISHERS	(e)	P=1.000	P=1.000	P=1.000

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Ovary Cyst				
<hr/>				
LESION RATES				
OVERALL (a)	5/50 (10%)	2/50 (4%)	7/50 (14%)	9/50 (18%)
LITTERS (b)	5/29 (17%)	2/25 (8%)	5/25 (20%)	9/29 (31%)
POLY-3 RATE (c)	5/40.12	2/43.07	7/45.82	9/40.60
POLY-3 PERCENT (g)	12.5%	4.6%	15.3%	22.2%
TERMINAL (d)	4/30 (13%)	2/33 (6%)	4/34 (12%)	7/26 (27%)
FIRST INCIDENCE	379	730 (T)	525	679
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.039*	P=0.187N	P=0.475	P=0.194
POLY 1.5	P=0.043*	P=0.200N	P=0.432	P=0.191
POLY 6	P=0.034*	P=0.172N	P=0.524	P=0.192
RAO-SCOTT	P=0.056	P=0.212N	P=0.481	P=0.217
LITTER C-A/FISHERS	P=0.047*	P=0.277N	P=0.534	P=0.179

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Ovary: Bursa Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	4/50 (8%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	0/29 (0%)	4/25 (16%)	0/25 (0%)	2/29 (7%)
POLY-3 RATE (c)	0/39.26	4/43.35	0/44.78	2/41.30
POLY-3 PERCENT (g)	0%	9.2%	0%	4.8%
TERMINAL (d)	0/30 (0%)	2/33 (6%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	672	---	543
STATISTICAL TESTS				
POLY 3	P=0.543	P=0.073	(e)	P=0.248
POLY 1.5	P=0.533	P=0.068	(e)	P=0.243
POLY 6	P=0.550	P=0.081	(e)	P=0.251
RAO-SCOTT	P=0.539	P=0.125	(e)	P=0.308
LITTER C-A/FISHERS	P=0.549	P=0.040*	(e)	P=0.246

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female

Pancreas: Acinus Atrophy

LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	2/29 (7%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	2/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	5.1%	0%	0%	0%
TERMINAL (d)	2/30 (7%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	730 (T)	---	---	---

STATISTICAL TESTS				
POLY 3	P=0.282N	P=0.217N	P=0.209N	P=0.231N
POLY 1.5	P=0.273N	P=0.225N	P=0.221N	P=0.234N
POLY 6	P=0.291N	P=0.207N	P=0.197N	P=0.231N
RAO-SCOTT	P=0.398N	P=0.368N	P=0.364N	P=0.372N
LITTER C-A/FISHERS	P=0.254N	P=0.284N	P=0.284N	P=0.246N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female

**Pancreas: Acinus
Hyperplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	1/29 (3%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	1/40.26
POLY-3 PERCENT (g)	0%	0%	0%	2.5%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	1/26 (4%)
FIRST INCIDENCE	---	---	---	730 (T)

STATISTICAL TESTS

POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Pancreas: Arteriole Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	3/50 (6%)	0/50 (0%)
LITTERS (b)	1/29 (3%)	3/25 (12%)	3/25 (12%)	0/29 (0%)
POLY-3 RATE (c)	1/39.57	3/43.27	3/45.93	0/40.26
POLY-3 PERCENT (g)	2.5%	6.9%	6.5%	0%
TERMINAL (d)	0/30 (0%)	1/33 (3%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	644	694	525	---
STATISTICAL TESTS				
POLY 3	P=0.189N	P=0.338	P=0.361	P=0.497N
POLY 1.5	P=0.189N	P=0.324	P=0.337	P=0.498N
POLY 6	P=0.196N	P=0.353	P=0.386	P=0.498N
RAO-SCOTT	P=0.219N	P=0.359	P=0.384	P=0.498N
LITTER C-A/FISHERS	P=0.171N	P=0.251	P=0.251	P=0.500N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female

**Pancreas: Arteriole
Necrosis**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Pancreas: Artery Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	3/50 (6%)	2/50 (4%)
LITTERS (b)	1/29 (3%)	3/25 (12%)	3/25 (12%)	2/29 (7%)
POLY-3 RATE (c)	1/39.57	3/43.27	3/45.85	2/40.26
POLY-3 PERCENT (g)	2.5%	6.9%	6.5%	5%
TERMINAL (d)	0/30 (0%)	1/33 (3%)	1/34 (3%)	2/26 (8%)
FIRST INCIDENCE	644	694	525	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.597	P=0.338	P=0.360	P=0.506
POLY 1.5	P=0.599	P=0.324	P=0.337	P=0.503
POLY 6	P=0.584	P=0.353	P=0.385	P=0.503
RAO-SCOTT	P=0.574	P=0.326	P=0.351	P=0.477
LITTER C-A/FISHERS	P=0.603N	P=0.251	P=0.251	P=0.500

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Pancreas: Artery				
Necrosis				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Parathyroid Gland Hyperplasia				
LESION RATES				
OVERALL (a)	0/41 (0%)	1/47 (2%)	5/43 (12%)	3/42 (7%)
LITTERS (b)	0/28 (0%)	1/24 (4%)	5/23 (22%)	3/29 (10%)
POLY-3 RATE (c)	0/32.09	1/40.26	5/38.76	3/35.69
POLY-3 PERCENT (g)	0%	2.5%	12.9%	8.4%
TERMINAL (d)	0/24 (0%)	1/31 (3%)	5/29 (17%)	1/23 (4%)
FIRST INCIDENCE	---	730 (T)	730 (T)	599
STATISTICAL TESTS				
POLY 3	P=0.172	P=0.545	P=0.048*	P=0.137
POLY 1.5	P=0.165	P=0.537	P=0.041*	P=0.131
POLY 6	P=0.173	P=0.555	P=0.057	P=0.142
RAO-SCOTT	P=0.197	P=0.553	P=0.076	P=0.172
LITTER C-A/FISHERS	P=0.211	P=0.462	P=0.014*	P=0.125

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Pituitary Gland: Pars Distalis Hyperplasia				
LESION RATES				
OVERALL (a)	13/50 (26%)	13/50 (26%)	9/50 (18%)	15/50 (30%)
LITTERS (b)	12/29 (41%)	11/25 (44%)	8/25 (32%)	15/29 (52%)
POLY-3 RATE (c)	13/40.93	13/43.91	9/44.78	15/41.41
POLY-3 PERCENT (g)	31.8%	29.6%	20.1%	36.2%
TERMINAL (d)	9/30 (30%)	9/33 (27%)	9/34 (27%)	10/26 (39%)
FIRST INCIDENCE	478	641	730 (T)	599
STATISTICAL TESTS				
POLY 3	P=0.280	P=0.508N	P=0.160N	P=0.422
POLY 1.5	P=0.291	P=0.544N	P=0.189N	P=0.414
POLY 6	P=0.256	P=0.465N	P=0.136N	P=0.418
RAO-SCOTT	P=0.274	P=0.495N	P=0.156N	P=0.409
LITTER C-A/FISHERS	P=0.228	P=0.532	P=0.335N	P=0.300

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Pituitary Gland: Pars Intermedia Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
LITTERS (b)	1/29 (3%)	0/25 (0%)	2/25 (8%)	1/29 (3%)
POLY-3 RATE (c)	1/39.26	0/43.07	2/44.78	1/40.26
POLY-3 PERCENT (g)	2.6%	0%	4.5%	2.5%
TERMINAL (d)	1/30 (3%)	0/33 (0%)	2/34 (6%)	1/26 (4%)
FIRST INCIDENCE	730 (T)	---	730 (T)	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.564	P=0.482N	P=0.546	P=0.756N
POLY 1.5	P=0.569	P=0.489N	P=0.526	P=0.758N
POLY 6	P=0.551	P=0.473N	P=0.566	P=0.756N
RAO-SCOTT	P=0.566	P=0.491N	P=0.549	P=0.732N
LITTER C-A/FISHERS	P=0.597	P=0.537N	P=0.443	P=0.754

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Skin				
Cyst Epithelial Inclusion				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Skin Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Skin				
Inflammation Chronic				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Spinal Cord: Axon Degeneration				
<hr/>				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
LITTERS (b)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (c)	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Spleen				
Extramedullary Hematopoiesis				
LESION RATES				
OVERALL (a)	33/50 (66%)	26/50 (52%)	30/50 (60%)	24/50 (48%)
LITTERS (b)	23/29 (79%)	18/25 (72%)	21/25 (84%)	19/29 (66%)
POLY-3 RATE (c)	33/47.59	26/48.25	30/48.46	24/48.46
POLY-3 PERCENT (g)	69.3%	53.9%	61.9%	49.5%
TERMINAL (d)	17/30 (57%)	13/33 (39%)	18/34 (53%)	5/26 (19%)
FIRST INCIDENCE	344	330	498	5
STATISTICAL TESTS				
POLY 3	P=0.075N	P=0.086N	P=0.289N	P=0.035N*
POLY 1.5	P=0.078N	P=0.096N	P=0.322N	P=0.039N*
POLY 6	P=0.078N	P=0.078N	P=0.260N	P=0.034N*
RAO-SCOTT	P=0.093N	P=0.107N	P=0.309N	P=0.051N
LITTER C-A/FISHERS	P=0.160N	P=0.378N	P=0.466	P=0.189N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Spleen Pigment				
<hr/>				
LESION RATES				
OVERALL (a)	31/50 (62%)	33/50 (66%)	37/50 (74%)	34/50 (68%)
LITTERS (b)	20/29 (69%)	22/25 (88%)	24/25 (96%)	24/29 (83%)
POLY-3 RATE (c)	31/44.06	33/46.51	37/48.08	34/43.25
POLY-3 PERCENT (g)	70.4%	71%	77%	78.6%
TERMINAL (d)	22/30 (73%)	26/33 (79%)	27/34 (79%)	25/26 (96%)
FIRST INCIDENCE	344	308	109	411
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.203	P=0.570	P=0.308	P=0.243
POLY 1.5	P=0.257	P=0.514	P=0.234	P=0.274
POLY 6	P=0.127	P=0.580N	P=0.395	P=0.176
RAO-SCOTT	P=0.217	P=0.562	P=0.319	P=0.262
LITTER C-A/FISHERS	P=0.362	P=0.087	P=0.011*	P=0.179

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Spleen: White Pulp Atrophy				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)	4/50 (8%)
LITTERS (b)	2/29 (7%)	2/25 (8%)	0/25 (0%)	4/29 (14%)
POLY-3 RATE (c)	2/40.03	2/44.66	0/44.78	4/42.35
POLY-3 PERCENT (g)	5%	4.5%	0%	9.5%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	1/26 (4%)
FIRST INCIDENCE	596	308	---	5
STATISTICAL TESTS				
POLY 3	P=0.163	P=0.654N	P=0.213N	P=0.363
POLY 1.5	P=0.166	P=0.669N	P=0.223N	P=0.356
POLY 6	P=0.156	P=0.640N	P=0.204N	P=0.362
RAO-SCOTT	P=0.188	P=0.645N	P=0.236N	P=0.372
LITTER C-A/FISHERS	P=0.190	P=0.636	P=0.284N	P=0.335

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Stomach, Forestomach Fibrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Stomach, Forestomach Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Stomach, Forestomach: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	1/25 (4%)	2/29 (7%)
POLY-3 RATE (c)	0/39.26	0/43.07	1/44.87	2/40.47
POLY-3 PERCENT (g)	0%	0%	2.2%	4.9%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	1/26 (4%)
FIRST INCIDENCE	---	---	709	674
STATISTICAL TESTS				
POLY 3	P=0.088	(e)	P=0.527	P=0.243
POLY 1.5	P=0.088	(e)	P=0.515	P=0.240
POLY 6	P=0.085	(e)	P=0.539	P=0.244
RAO-SCOTT	P=0.145	(e)	P=0.593	P=0.315
LITTER C-A/FISHERS	P=0.103	(e)	P=0.463	P=0.246

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Stomach, Glandular Mineral				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Thymus Atrophy				
<hr/>				
LESION RATES				
OVERALL (a)	17/49 (35%)	16/50 (32%)	12/47 (26%)	22/49 (45%)
LITTERS (b)	15/28 (54%)	12/25 (48%)	12/25 (48%)	16/28 (57%)
POLY-3 RATE (c)	17/47.83	16/48.87	12/46.00	22/47.56
POLY-3 PERCENT (g)	35.6%	32.7%	26.1%	46.3%
TERMINAL (d)	0/30 (0%)	1/33 (3%)	0/34 (0%)	1/26 (4%)
FIRST INCIDENCE	344	308	498	379
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.086	P=0.470N	P=0.222N	P=0.197
POLY 1.5	P=0.085	P=0.472N	P=0.229N	P=0.193
POLY 6	P=0.086	P=0.467N	P=0.215N	P=0.199
RAO-SCOTT	P=0.106	P=0.483N	P=0.248N	P=0.222
LITTER C-A/FISHERS	P=0.361	P=0.448N	P=0.448N	P=0.500

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Thyroid Gland: C-Cell Hyperplasia				
LESION RATES				
OVERALL (a)	11/50 (22%)	11/50 (22%)	9/50 (18%)	9/50 (18%)
LITTERS (b)	11/29 (38%)	9/25 (36%)	7/25 (28%)	8/29 (28%)
POLY-3 RATE (c)	11/41.54	11/44.84	9/44.97	9/41.40
POLY-3 PERCENT (g)	26.5%	24.5%	20%	21.7%
TERMINAL (d)	7/30 (23%)	6/33 (18%)	8/34 (24%)	6/26 (23%)
FIRST INCIDENCE	387	529	681	578
STATISTICAL TESTS				
POLY 3	P=0.391N	P=0.516N	P=0.324N	P=0.402N
POLY 1.5	P=0.376N	P=0.552N	P=0.357N	P=0.405N
POLY 6	P=0.423N	P=0.470N	P=0.291N	P=0.411N
RAO-SCOTT	P=0.393N	P=0.513N	P=0.333N	P=0.403N
LITTER C-A/FISHERS	P=0.255N	P=0.555N	P=0.316N	P=0.288N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Urinary Bladder Inflammation				
LESION RATES				
OVERALL (a)	0/49 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/38.57	1/43.99	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	308	---	---
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Uterus				
Adenomyosis				
LESION RATES				
OVERALL (a)	3/50 (6%)	8/50 (16%)	3/50 (6%)	7/50 (14%)
LITTERS (b)	3/29 (10%)	8/25 (32%)	3/25 (12%)	6/29 (21%)
POLY-3 RATE (c)	3/39.78	8/43.07	3/44.78	7/41.14
POLY-3 PERCENT (g)	7.5%	18.6%	6.7%	17%
TERMINAL (d)	2/30 (7%)	8/33 (24%)	3/34 (9%)	5/26 (19%)
FIRST INCIDENCE	571	730 (T)	730 (T)	498
STATISTICAL TESTS				
POLY 3	P=0.278	P=0.123	P=0.607N	P=0.168
POLY 1.5	P=0.276	P=0.112	P=0.630N	P=0.163
POLY 6	P=0.270	P=0.135	P=0.582N	P=0.168
RAO-SCOTT	P=0.282	P=0.142	P=0.598N	P=0.185
LITTER C-A/FISHERS	P=0.469	P=0.051	P=0.591	P=0.235

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Uterus Dilation				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)	3/50 (6%)
LITTERS (b)	2/29 (7%)	2/25 (8%)	1/25 (4%)	3/29 (10%)
POLY-3 RATE (c)	2/39.40	2/43.07	1/44.97	3/40.85
POLY-3 PERCENT (g)	5.1%	4.6%	2.2%	7.3%
TERMINAL (d)	1/30 (3%)	2/33 (6%)	0/34 (0%)	2/26 (8%)
FIRST INCIDENCE	694	730 (T)	681	543
STATISTICAL TESTS				
POLY 3	P=0.367	P=0.662N	P=0.454N	P=0.517
POLY 1.5	P=0.370	P=0.675N	P=0.473N	P=0.509
POLY 6	P=0.358	P=0.647N	P=0.434N	P=0.518
RAO-SCOTT	P=0.362	P=0.639N	P=0.439N	P=0.496
LITTER C-A/FISHERS	P=0.406	P=0.636	P=0.557N	P=0.500

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Uterus Hemorrhage				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	2/25 (8%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	2/44.01	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	330	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.377N	P=0.263	(e)	(e)
POLY 1.5	P=0.383N	P=0.253	(e)	(e)
POLY 6	P=0.372N	P=0.275	(e)	(e)
RAO-SCOTT	P=0.494N	P=0.394	(e)	(e)
LITTER C-A/FISHERS	P=0.380N	P=0.210	(e)	(e)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>				
Uterus Inflammation				
<hr/>				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	2/29 (7%)	1/25 (4%)	0/25 (0%)	1/29 (3%)
POLY-3 RATE (c)	2/39.75	1/43.07	0/44.78	1/40.26
POLY-3 PERCENT (g)	5%	2.3%	0%	2.5%
TERMINAL (d)	1/30 (3%)	1/33 (3%)	0/34 (0%)	1/26 (4%)
FIRST INCIDENCE	582	730 (T)	---	730 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.541N	P=0.472N	P=0.211N	P=0.496N
POLY 1.5	P=0.535N	P=0.484N	P=0.222N	P=0.498N
POLY 6	P=0.549N	P=0.459N	P=0.201N	P=0.499N
RAO-SCOTT	P=0.534N	P=0.482N	P=0.247N	P=0.496N
LITTER C-A/FISHERS	P=0.503N	P=0.557N	P=0.284N	P=0.500N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Uterus: Endometrium Atypical Hyperplasia				
LESION RATES				
OVERALL (a)	9/50 (18%)	14/50 (28%)	19/50 (38%)	14/50 (28%)
LITTERS (b)	8/29 (28%)	12/25 (48%)	16/25 (64%)	12/29 (41%)
POLY-3 RATE (c)	9/40.64	14/43.47	19/44.78	14/43.50
POLY-3 PERCENT (g)	22.1%	32.2%	42.4%	32.2%
TERMINAL (d)	6/30 (20%)	12/33 (36%)	19/34 (56%)	7/26 (27%)
FIRST INCIDENCE	478	674	730 (T)	411
STATISTICAL TESTS				
POLY 3	P=0.376	P=0.213	P=0.035*	P=0.214
POLY 1.5	P=0.350	P=0.194	P=0.028*	P=0.193
POLY 6	P=0.385	P=0.238	P=0.044*	P=0.228
RAO-SCOTT	P=0.359	P=0.208	P=0.038*	P=0.209
LITTER C-A/FISHERS	P=0.439	P=0.103	P=0.008**	P=0.204

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

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Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Uterus: Endometrium Hyperplasia Cystic				
LESION RATES				
OVERALL (a)	35/50 (70%)	30/50 (60%)	28/50 (56%)	25/50 (50%)
LITTERS (b)	23/29 (79%)	21/25 (84%)	19/25 (76%)	19/29 (66%)
POLY-3 RATE (c)	35/46.91	30/45.39	28/45.01	25/43.67
POLY-3 PERCENT (g)	74.6%	66.1%	62.2%	57.2%
TERMINAL (d)	22/30 (73%)	23/33 (70%)	24/34 (71%)	15/26 (58%)
FIRST INCIDENCE	344	529	709	411
STATISTICAL TESTS				
POLY 3	P=0.071N	P=0.245N	P=0.135N	P=0.054N
POLY 1.5	P=0.062N	P=0.242N	P=0.131N	P=0.048N*
POLY 6	P=0.093N	P=0.225N	P=0.141N	P=0.067N
RAO-SCOTT	P=0.090N	P=0.264N	P=0.158N	P=0.073N
LITTER C-A/FISHERS	P=0.084N	P=0.466	P=0.513N	P=0.189N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Uterus: Endometrium Metaplasia				
LESION RATES				
OVERALL (a)	36/50 (72%)	35/50 (70%)	25/50 (50%)	32/50 (64%)
LITTERS (b)	25/29 (86%)	22/25 (88%)	19/25 (76%)	21/29 (72%)
POLY-3 RATE (c)	36/47.17	35/46.52	25/44.80	32/44.52
POLY-3 PERCENT (g)	76.3%	75.2%	55.8%	71.9%
TERMINAL (d)	21/30 (70%)	26/33 (79%)	24/34 (71%)	20/26 (77%)
FIRST INCIDENCE	344	458	725	411
STATISTICAL TESTS				
POLY 3	P=0.412N	P=0.549N	P=0.025N*	P=0.399N
POLY 1.5	P=0.369N	P=0.541N	P=0.023N*	P=0.352N
POLY 6	P=0.488N	P=0.554N	P=0.033N*	P=0.482N
RAO-SCOTT	P=0.428N	P=0.547N	P=0.036N*	P=0.405N
LITTER C-A/FISHERS	P=0.095N	P=0.585	P=0.270N	P=0.166N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 06/13/2018

Time Report Requested: 09:45:26

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

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

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Vagina Mucification				
LESION RATES				
OVERALL (a)	9/50 (18%)	2/50 (4%)	7/50 (14%)	6/50 (12%)
LITTERS (b)	9/29 (31%)	2/25 (8%)	6/25 (24%)	5/29 (17%)
POLY-3 RATE (c)	9/40.04	2/43.07	7/45.22	6/40.58
POLY-3 PERCENT (g)	22.5%	4.6%	15.5%	14.8%
TERMINAL (d)	7/30 (23%)	2/33 (6%)	6/34 (18%)	5/26 (19%)
FIRST INCIDENCE	596	730 (T)	603	641
STATISTICAL TESTS				
POLY 3	P=0.564	P=0.017N*	P=0.292N	P=0.273N
POLY 1.5	P=0.578	P=0.020N*	P=0.333N	P=0.280N
POLY 6	P=0.537	P=0.014N*	P=0.254N	P=0.277N
RAO-SCOTT	P=0.571N	P=0.031N*	P=0.315N	P=0.293N
LITTER C-A/FISHERS	P=0.362N	P=0.037N*	P=0.395N	P=0.179N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

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2-Hydroxy-4-methoxybenzophenone

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Lab: BAT

LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
- (b) Number of litters with tumor-bearing animals/number of litters examined at site
- (c) Number of tumor-bearing animals/Poly-3 number
- (d) Observed incidence at terminal kill.
- (e) Value of statistic cannot be computed.
- (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
- (g) Poly-3 adjusted lifetime tumor incidence.
- (I) Interim sacrifice
- (T) Terminal sacrifice
- # Tumor rates based on numbers of animals necropsied.
- * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
- ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
- N Indicates a negative trend for all tests
The Rao-Scott statistic performs the Poly-3 test with an adjustment for within-litter correlation.
The Litter C-A/Fishers statistic compares directly the litter incidence rates.

*** END OF REPORT ***