

**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:** 01/06/2017

**Time Report Requested:** 09:34:04

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

**Lab:** BAT

Final 1\_HSD Rats\_14 Week Interim Only

**NTP Study Number:** C10260  
**Lock Date:** 07/22/2014  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** 25017 SSAC  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

**Experiment Number:** 10260 - 01

**Test Type:** Chronic PN

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

**MALE RATS**

**Organ**

Heart

Liver

**Morphology**

Cardiomyopathy

Infiltration Cellular Mixed Cell

Experiment Number: 10260 - 01

Test Type: Chronic PN

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

---

**Males**

---

<b>DOSE</b>	<b>0 ppm Male</b>	<b>10000 ppm Male</b>
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---

Adrenal Cortex  
Hyperplasia Focal

---

**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	1/10 (10%)
<b>POLY-3 RATE (b)</b>	0/10.00	1/10.00
<b>POLY-3 PERCENT (g)</b>	0%	10%
<b>INT SACRIFICE 1</b>	0/10 (0%)	1/10 (10%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	93 (l)

---

**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.500
<b>POLY 1.5</b>	P=0.500
<b>POLY 6</b>	P=0.500
<b>COCH-ARM / FISHERS</b>	P=0.500
<b>MAX-ISO-POLY-3</b>	P=0.158

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

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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)  
LAST REMOVAL AT 14 WEEKS**

---

**Males**

---

<b>DOSE</b>	<b>0 ppm Male</b>	<b>10000 ppm Male</b>
-------------	-------------------	-----------------------

---

**Adrenal Cortex  
Inflammation Chronic**

---

**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	1/10 (10%)
<b>POLY-3 RATE (b)</b>	0/10.00	1/10.00
<b>POLY-3 PERCENT (g)</b>	0%	10%
<b>INT SACRIFICE 1</b>	0/10 (0%)	1/10 (10%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	93 (l)

---

**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.500
<b>POLY 1.5</b>	P=0.500
<b>POLY 6</b>	P=0.500
<b>COCH-ARM / FISHERS</b>	P=0.500
<b>MAX-ISO-POLY-3</b>	P=0.158

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

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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)  
LAST REMOVAL AT 14 WEEKS**

---

**Males**

---

<b>DOSE</b>	<b>0 ppm Male</b>	<b>10000 ppm Male</b>
-------------	-------------------	-----------------------

---

Eye: Retina

Atrophy

---

**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	0/10 (0%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%
<b>INT SACRIFICE 1</b>	0/10 (0%)	0/10 (0%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	---

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**STATISTICAL TESTS**

<b>POLY 3</b>	(n)
<b>POLY 1.5</b>	(n)
<b>POLY 6</b>	(n)
<b>COCH-ARM / FISHERS</b>	(n)
<b>MAX-ISO-POLY-3</b>	(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

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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)  
LAST REMOVAL AT 14 WEEKS**

---

**Males**

---

<b>DOSE</b>	<b>0 ppm Male</b>	<b>10000 ppm Male</b>
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---

Harderian Gland  
Inflammation Chronic

---

**LESION RATES**

<b>OVERALL (a)</b>	1/10 (10%)	2/10 (20%)
<b>POLY-3 RATE (b)</b>	1/10.00	2/10.00
<b>POLY-3 PERCENT (g)</b>	10%	20%
<b>INT SACRIFICE 1</b>	1/10 (10%)	2/10 (20%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	93 (I)	93 (I)

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**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.500
<b>POLY 1.5</b>	P=0.500
<b>POLY 6</b>	P=0.500
<b>COCH-ARM / FISHERS</b>	P=0.500
<b>MAX-ISO-POLY-3</b>	P=0.274

---

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: 01/06/2017

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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)  
LAST REMOVAL AT 14 WEEKS**

---

**Males**

---

<b>DOSE</b>	<b>0 ppm Male</b>	<b>10000 ppm Male</b>
-------------	-------------------	-----------------------

---

Heart  
Cardiomyopathy

---

**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	3/10 (30%)
<b>POLY-3 RATE (b)</b>	0/10.00	3/10.00
<b>POLY-3 PERCENT (g)</b>	0%	30%
<b>INT SACRIFICE 1</b>	0/10 (0%)	3/10 (30%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	93 (l)

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**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.095
<b>POLY 1.5</b>	P=0.095
<b>POLY 6</b>	P=0.095
<b>COCH-ARM / FISHERS</b>	P=0.105
<b>MAX-ISO-POLY-3</b>	P=0.025*

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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: 01/06/2017

Time Report Requested: 09:34:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

---

**Males**

---

<b>DOSE</b>	<b>0 ppm Male</b>	<b>10000 ppm Male</b>
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---

**Kidney  
Cyst**

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**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	1/10 (10%)
<b>POLY-3 RATE (b)</b>	0/10.00	1/10.00
<b>POLY-3 PERCENT (g)</b>	0%	10%
<b>INT SACRIFICE 1</b>	0/10 (0%)	1/10 (10%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	93 (I)

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**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.500
<b>POLY 1.5</b>	P=0.500
<b>POLY 6</b>	P=0.500
<b>COCH-ARM / FISHERS</b>	P=0.500
<b>MAX-ISO-POLY-3</b>	P=0.158

---



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: 01/06/2017

Time Report Requested: 09:34:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

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**Males**

---

<b>DOSE</b>	<b>0 ppm Male</b>	<b>10000 ppm Male</b>
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---

**Kidney**

**Mineral**

---

**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	0/10 (0%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%
<b>INT SACRIFICE 1</b>	0/10 (0%)	0/10 (0%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	---

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**STATISTICAL TESTS**

<b>POLY 3</b>	(n)
<b>POLY 1.5</b>	(n)
<b>POLY 6</b>	(n)
<b>COCH-ARM / FISHERS</b>	(n)
<b>MAX-ISO-POLY-3</b>	(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: 01/06/2017

Time Report Requested: 09:34:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

---

**Males**

---

<b>DOSE</b>	<b>0 ppm Male</b>	<b>10000 ppm Male</b>
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**Kidney**  
**Nephropathy Chronic Progressive**

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**LESION RATES**

<b>OVERALL (a)</b>	7/10 (70%)	8/10 (80%)
<b>POLY-3 RATE (b)</b>	7/10.00	8/10.00
<b>POLY-3 PERCENT (g)</b>	70%	80%
<b>INT SACRIFICE 1</b>	7/10 (70%)	8/10 (80%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	93 (I)	93 (I)

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**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.500
<b>POLY 1.5</b>	P=0.500
<b>POLY 6</b>	P=0.500
<b>COCH-ARM / FISHERS</b>	P=0.500
<b>MAX-ISO-POLY-3</b>	P=0.310

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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: 01/06/2017

Time Report Requested: 09:34:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

**Males**

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DOSE	0 ppm Male	10000 ppm Male
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Liver  
Infiltration Cellular Mixed Cell

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**LESION RATES**

OVERALL (a)	2/10 (20%)	8/10 (80%)
POLY-3 RATE (b)	2/10.00	8/10.00
POLY-3 PERCENT (g)	20%	80%
INT SACRIFICE 1	2/10 (20%)	8/10 (80%)
TERMINAL (d)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (I)	93 (I)

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**STATISTICAL TESTS**

POLY 3	P=0.004**
POLY 1.5	P=0.004**
POLY 6	P=0.004**
COCH-ARM / FISHERS	P=0.012*
MAX-ISO-POLY-3	P<0.001**

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

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

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**Males**

---

<b>DOSE</b>	<b>0 ppm Male</b>	<b>10000 ppm Male</b>
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---

Lung: Alveolus  
Infiltration Cellular Histiocyte

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**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	0/10 (0%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%
<b>INT SACRIFICE 1</b>	0/10 (0%)	0/10 (0%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	---

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**STATISTICAL TESTS**

<b>POLY 3</b>	(n)
<b>POLY 1.5</b>	(n)
<b>POLY 6</b>	(n)
<b>COCH-ARM / FISHERS</b>	(n)
<b>MAX-ISO-POLY-3</b>	(n)

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

---

**Males**

---

<b>DOSE</b>	<b>0 ppm Male</b>	<b>10000 ppm Male</b>
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Thymus  
Hemorrhage

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**LESION RATES**

<b>OVERALL (a)</b>	1/10 (10%)	0/10 (0%)
<b>POLY-3 RATE (b)</b>	1/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	10%	0%
<b>INT SACRIFICE 1</b>	1/10 (10%)	0/10 (0%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	93 (I)	---

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**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.500N
<b>POLY 1.5</b>	P=0.500N
<b>POLY 6</b>	P=0.500N
<b>COCH-ARM / FISHERS</b>	P=0.500N
<b>MAX-ISO-POLY-3</b>	P=0.158N

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

---

**Males**

---

<b>DOSE</b>	<b>0 ppm Male</b>	<b>10000 ppm Male</b>
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Trachea  
Inflammation Chronic

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**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	1/10 (10%)
<b>POLY-3 RATE (b)</b>	0/10.00	1/10.00
<b>POLY-3 PERCENT (g)</b>	0%	10%
<b>INT SACRIFICE 1</b>	0/10 (0%)	1/10 (10%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	93 (l)

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**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.500
<b>POLY 1.5</b>	P=0.500
<b>POLY 6</b>	P=0.500
<b>COCH-ARM / FISHERS</b>	P=0.500
<b>MAX-ISO-POLY-3</b>	P=0.158

---

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

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

**Females**

**DOSE**                                      **0 ppm Female**                                      **10000 ppm Female**

**Adrenal Cortex  
Hyperplasia Focal**

**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	1/10 (10%)
<b>POLY-3 RATE (b)</b>	0/10.00	1/10.00
<b>POLY-3 PERCENT (g)</b>	0%	10%
<b>INT SACRIFICE 1</b>	0/10 (0%)	1/10 (10%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	93 (I)

**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.500
<b>POLY 1.5</b>	P=0.500
<b>POLY 6</b>	P=0.500
<b>COCH-ARM / FISHERS</b>	P=0.500
<b>MAX-ISO-POLY-3</b>	P=0.158

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

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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)  
LAST REMOVAL AT 14 WEEKS**

---

**Females**

---

<b>DOSE</b>	<b>0 ppm Female</b>	<b>10000 ppm Female</b>
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**Adrenal Cortex  
Inflammation Chronic**

---

**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	0/10 (0%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%
<b>INT SACRIFICE 1</b>	0/10 (0%)	0/10 (0%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	---

---

**STATISTICAL TESTS**

<b>POLY 3</b>	(n)
<b>POLY 1.5</b>	(n)
<b>POLY 6</b>	(n)
<b>COCH-ARM / FISHERS</b>	(n)
<b>MAX-ISO-POLY-3</b>	(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

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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)  
LAST REMOVAL AT 14 WEEKS**

**Females**

---

<b>DOSE</b>	<b>0 ppm Female</b>	<b>10000 ppm Female</b>
-------------	---------------------	-------------------------

---

Eye: Retina

Atrophy

---

**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	1/10 (10%)
<b>POLY-3 RATE (b)</b>	0/10.00	1/10.00
<b>POLY-3 PERCENT (g)</b>	0%	10%
<b>INT SACRIFICE 1</b>	0/10 (0%)	1/10 (10%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	93 (l)

---

**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.500
<b>POLY 1.5</b>	P=0.500
<b>POLY 6</b>	P=0.500
<b>COCH-ARM / FISHERS</b>	P=0.500
<b>MAX-ISO-POLY-3</b>	P=0.158

---

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: 01/06/2017

Time Report Requested: 09:34:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

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**Females**

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<b>DOSE</b>	<b>0 ppm Female</b>	<b>10000 ppm Female</b>
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Harderian Gland  
Inflammation Chronic

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**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	0/10 (0%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%
<b>INT SACRIFICE 1</b>	0/10 (0%)	0/10 (0%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	---

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**STATISTICAL TESTS**

<b>POLY 3</b>	(n)
<b>POLY 1.5</b>	(n)
<b>POLY 6</b>	(n)
<b>COCH-ARM / FISHERS</b>	(n)
<b>MAX-ISO-POLY-3</b>	(n)

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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: 01/06/2017

Time Report Requested: 09:34:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

**Females**

**DOSE**                      **0 ppm Female**                      **10000 ppm Female**

**Heart  
Cardiomyopathy**

**LESION RATES**

<b>OVERALL (a)</b>	1/10 (10%)	0/10 (0%)
<b>POLY-3 RATE (b)</b>	1/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	10%	0%
<b>INT SACRIFICE 1</b>	1/10 (10%)	0/10 (0%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	93 (I)	---

**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.500N
<b>POLY 1.5</b>	P=0.500N
<b>POLY 6</b>	P=0.500N
<b>COCH-ARM / FISHERS</b>	P=0.500N
<b>MAX-ISO-POLY-3</b>	P=0.158N

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: 01/06/2017

Time Report Requested: 09:34:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

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**Females**

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<b>DOSE</b>	<b>0 ppm Female</b>	<b>10000 ppm Female</b>
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**Kidney  
Cyst**

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**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	0/10 (0%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%
<b>INT SACRIFICE 1</b>	0/10 (0%)	0/10 (0%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	---

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**STATISTICAL TESTS**

<b>POLY 3</b>	(n)
<b>POLY 1.5</b>	(n)
<b>POLY 6</b>	(n)
<b>COCH-ARM / FISHERS</b>	(n)
<b>MAX-ISO-POLY-3</b>	(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: 01/06/2017

Time Report Requested: 09:34:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

**Females**

**DOSE**                      **0 ppm Female**                      **10000 ppm Female**

**Kidney**

**Mineral**

**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	1/10 (10%)
<b>POLY-3 RATE (b)</b>	0/10.00	1/10.00
<b>POLY-3 PERCENT (g)</b>	0%	10%
<b>INT SACRIFICE 1</b>	0/10 (0%)	1/10 (10%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	93 (I)

**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.500
<b>POLY 1.5</b>	P=0.500
<b>POLY 6</b>	P=0.500
<b>COCH-ARM / FISHERS</b>	P=0.500
<b>MAX-ISO-POLY-3</b>	P=0.158

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: 01/06/2017

Time Report Requested: 09:34:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

**Females**

**DOSE**                                      **0 ppm Female**                                      **10000 ppm Female**

**Kidney**  
**Nephropathy Chronic Progressive**

**LESION RATES**

<b>OVERALL (a)</b>	4/10 (40%)	4/10 (40%)
<b>POLY-3 RATE (b)</b>	4/10.00	4/10.00
<b>POLY-3 PERCENT (g)</b>	40%	40%
<b>INT SACRIFICE 1</b>	4/10 (40%)	4/10 (40%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	93 (I)	93 (I)

**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.667
<b>POLY 1.5</b>	P=0.667
<b>POLY 6</b>	P=0.667
<b>COCH-ARM / FISHERS</b>	P=0.675N
<b>MAX-ISO-POLY-3</b>	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: 01/06/2017

Time Report Requested: 09:34:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

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**Females**

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<b>DOSE</b>	<b>0 ppm Female</b>	<b>10000 ppm Female</b>
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Liver  
Infiltration Cellular Mixed Cell

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**LESION RATES**

<b>OVERALL (a)</b>	2/10 (20%)	3/10 (30%)
<b>POLY-3 RATE (b)</b>	2/10.00	3/10.00
<b>POLY-3 PERCENT (g)</b>	20%	30%
<b>INT SACRIFICE 1</b>	2/10 (20%)	3/10 (30%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	93 (I)	93 (I)

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**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.500
<b>POLY 1.5</b>	P=0.500
<b>POLY 6</b>	P=0.500
<b>COCH-ARM / FISHERS</b>	P=0.500
<b>MAX-ISO-POLY-3</b>	P=0.310

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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: 01/06/2017

Time Report Requested: 09:34:04

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

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

**Females**

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<b>DOSE</b>	<b>0 ppm Female</b>	<b>10000 ppm Female</b>
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**Lung: Alveolus  
Infiltration Cellular Histiocyte**

**LESION RATES**

<b>OVERALL (a)</b>	1/10 (10%)	0/10 (0%)
<b>POLY-3 RATE (b)</b>	1/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	10%	0%
<b>INT SACRIFICE 1</b>	1/10 (10%)	0/10 (0%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	93 (I)	---

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**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.500N
<b>POLY 1.5</b>	P=0.500N
<b>POLY 6</b>	P=0.500N
<b>COCH-ARM / FISHERS</b>	P=0.500N
<b>MAX-ISO-POLY-3</b>	P=0.158N

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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)  
LAST REMOVAL AT 14 WEEKS**

**Females**

**DOSE**                                      **0 ppm Female**                                      **10000 ppm Female**

Thymus  
Hemorrhage

**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	0/10 (0%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%
<b>INT SACRIFICE 1</b>	0/10 (0%)	0/10 (0%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	---

**STATISTICAL TESTS**

<b>POLY 3</b>	(n)
<b>POLY 1.5</b>	(n)
<b>POLY 6</b>	(n)
<b>COCH-ARM / FISHERS</b>	(n)
<b>MAX-ISO-POLY-3</b>	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)  
LAST REMOVAL AT 14 WEEKS**

---

**Females**

---

<b>DOSE</b>	<b>0 ppm Female</b>	<b>10000 ppm Female</b>
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Trachea  
Inflammation Chronic

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**LESION RATES**

<b>OVERALL (a)</b>	0/10 (0%)	0/10 (0%)
<b>POLY-3 RATE (b)</b>	0/10.00	0/10.00
<b>POLY-3 PERCENT (g)</b>	0%	0%
<b>INT SACRIFICE 1</b>	0/10 (0%)	0/10 (0%)
<b>TERMINAL (d)</b>	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	---	---

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**STATISTICAL TESTS**

<b>POLY 3</b>	(n)
<b>POLY 1.5</b>	(n)
<b>POLY 6</b>	(n)
<b>COCH-ARM / FISHERS</b>	(n)
<b>MAX-ISO-POLY-3</b>	(n)

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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

**LEGEND**

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

\*\*\* END OF REPORT \*\*\*