

**Experiment Number:** 07018 - 02  
**Test Type:** 14-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

**CAS Number:** 65039-09-0

**Date Report Requested:** 01/08/2020

**Time Report Requested:** 11:05:52

**First Dose M/F:** 05/08/13 / 05/07/13

**Lab:** BAT

Final\_1 - EMIM Mice

**NTP Study Number:** C07018  
**Lock Date:** 05/25/2018  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

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**SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF IONIC LIQUID: 1-ETHYL-3-METHYLIMIDAZOLIUM CHLORIDE**

**MALE MICE**

**Organ**

Kidney

Kidney: Renal Tubule

Stomach, Forestomach: Epithelium

**FEMALE MICE**

**Organ**

Adrenal Cortex: X-Zone

Uterus

Uterus: Arteriole

**Morphology**

Infarct

Nephropathy Chronic Progressive

Cytoplasmic Alteration

Cyst

**Morphology**

Persistent

Decidual Reaction

Hypertrophy

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male
<b>Adrenal Cortex: X-Zone Persistent</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 14 WEEKS**

---

DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male
<b>Islets, Pancreatic Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.366N	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.158N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male
<b>Kidney Infarct</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	2/10.00
POLY-3 PERCENT (g)	0%	0%	0%	20%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	92 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.034*	(e)	(e)	P=0.227
POLY 1.5	P=0.034*	(e)	(e)	P=0.227
POLY 6	P=0.034*	(e)	(e)	P=0.227
COCH-ARM / FISHERS	P=0.038*	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.017*	(e)	(e)	P=0.066

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 14 WEEKS**

---

DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male
<b>Kidney</b>				
<b>Infiltration Cellular Mononuclear Cell</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	10%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
FIRST INCIDENCE	---	---	92 (T)	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.786N	(e)	P=0.500	(e)
POLY 1.5	P=0.786N	(e)	P=0.500	(e)
POLY 6	P=0.786N	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.789N	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.239	(e)	P=0.158	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male
<b>Kidney</b>				
<b>Nephropathy Chronic Progressive</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/10 (10%)	1/10 (10%)	2/10 (20%)	8/10 (80%)
POLY-3 RATE (b)	1/10.00	1/10.00	2/10.00	8/10.00
POLY-3 PERCENT (g)	10%	10%	20%	80%
TERMINAL (d)	1/10 (10%)	1/10 (10%)	2/10 (20%)	8/10 (80%)
FIRST INCIDENCE	92 (T)	92 (T)	92 (T)	92 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.760	P=0.500	P<0.001**
POLY 1.5	P<0.001**	P=0.760	P=0.500	P<0.001**
POLY 6	P<0.001**	P=0.760	P=0.500	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.763N	P=0.500	P=0.003**
MAX-ISO-POLY-3	P<0.001**	P=1.000	P=0.274	P<0.001**

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TERMINAL SACRIFICE AT 14 WEEKS**

---

DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male
<b>Kidney: Pelvis Dilation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 14 WEEKS**

---

DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male
<b>Kidney: Renal Tubule Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male
<b>Kidney: Renal Tubule Cytoplasmic Alteration</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	9/10.00
POLY-3 PERCENT (g)	0%	0%	0%	90%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)
FIRST INCIDENCE	---	---	---	92 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**

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TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male
<hr/>				
Liver				
Extramedullary Hematopoiesis				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	92 (T)
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.366	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.158

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male
<b>Liver</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	92 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.366	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.158

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TERMINAL SACRIFICE AT 14 WEEKS**

---

DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male

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Pituitary Gland: Pars Intermedia  
Hyperplasia

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**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---

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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)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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TERMINAL SACRIFICE AT 14 WEEKS**

---

DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male
<b>Preputial Gland Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	92 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.366	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.158

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TERMINAL SACRIFICE AT 14 WEEKS**

---

DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male
<b>Stomach, Forestomach: Epithelium Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	1/1 (100%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	1/1.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	100%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	1/1 (100%)	0/10 (0%)
FIRST INCIDENCE	---	---	92 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	P=0.091	(e)
POLY 1.5	(e)	(e)	P=0.091	(e)
POLY 6	(e)	(e)	P=0.091	(e)
COCH-ARM / FISHERS	P=0.643N	(e)	P=0.091	(e)
MAX-ISO-POLY-3	(e)	(e)	P<0.001**	(e)

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TERMINAL SACRIFICE AT 14 WEEKS**

---

DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male

---

Testis: Germinal Epithelium  
Degeneration

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**LESION RATES**

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	92 (T)

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**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.366	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.158

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Experiment Number: 07018 - 02  
 Test Type: 14-WEEK  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:52

First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male
<b>Thyroid Gland Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.366N	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.158N

Experiment Number: 07018 - 02  
Test Type: 14-WEEK  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:52

First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Males			
	0 mg/mL male	3 mg/mL male	10 mg/mL male	30 mg/mL male
<b>Urinary Bladder Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 07018 - 02  
 Test Type: 14-WEEK  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
 CAS Number: 65039-09-0

Date Report Requested: 01/08/2020  
 Time Report Requested: 11:05:52  
 First Dose M/F: 05/08/13 / 05/07/13  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Adrenal Cortex: X-Zone Persistent</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	8/10.00
POLY-3 PERCENT (g)	0%	10%	0%	80%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	0/10 (0%)	8/10 (80%)
FIRST INCIDENCE	---	92 (T)	---	92 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.500	(e)	P<0.001**
POLY 1.5	P<0.001**	P=0.500	(e)	P<0.001**
POLY 6	P<0.001**	P=0.500	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.158	(e)	P<0.001**

Experiment Number: 07018 - 02  
 Test Type: 14-WEEK  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:52

First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Clitoral Gland Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	1/9.00
POLY-3 PERCENT (g)	0%	0%	0%	11.1%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	92 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	P=0.479
POLY 1.5	(e)	(e)	(e)	P=0.479
POLY 6	(e)	(e)	(e)	P=0.479
COCH-ARM / FISHERS	P=0.346	(e)	(e)	P=0.474
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.150

Experiment Number: 07018 - 02  
Test Type: 14-WEEK  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:52

First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Islets, Pancreatic Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

---

Experiment Number: 07018 - 02  
Test Type: 14-WEEK  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:52

First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Kidney</b>				
<b>Infarct</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

---

Experiment Number: 07018 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:52

First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Kidney</b>				
<b>Infiltration Cellular Mononuclear Cell</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

---

Experiment Number: 07018 - 02  
 Test Type: 14-WEEK  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:52

First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Kidney</b>				
<b>Nephropathy Chronic Progressive</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/10 (20%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	0/10.00	1/10.00	1/10.00
POLY-3 PERCENT (g)	20%	0%	10%	10%
TERMINAL (d)	2/10 (20%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
FIRST INCIDENCE	92 (T)	---	92 (T)	92 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.621N	P=0.227N	P=0.500N	P=0.500N
POLY 1.5	P=0.621N	P=0.227N	P=0.500N	P=0.500N
POLY 6	P=0.621N	P=0.227N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.624N	P=0.237N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.166N	P=0.066N	P=0.274N	P=0.274N



Experiment Number: 07018 - 02  
 Test Type: 14-WEEK  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:52

First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Kidney: Pelvis Dilation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	0%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	92 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.576N	P=0.500	(e)	(e)
POLY 1.5	P=0.576N	P=0.500	(e)	(e)
POLY 6	P=0.576N	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.577N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.239N	P=0.158	(e)	(e)

Experiment Number: 07018 - 02  
 Test Type: 14-WEEK  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:52

First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Kidney: Renal Tubule Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	1/10 (10%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	10%	0%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	1/10 (10%)	0/10 (0%)
FIRST INCIDENCE	---	92 (T)	92 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.536N	P=0.500	P=0.500	(e)
POLY 1.5	P=0.536N	P=0.500	P=0.500	(e)
POLY 6	P=0.536N	P=0.500	P=0.500	(e)
COCH-ARM / FISHERS	P=0.537N	P=0.500	P=0.500	(e)
MAX-ISO-POLY-3	P=0.252	P=0.158	P=0.158	(e)

Experiment Number: 07018 - 02  
Test Type: 14-WEEK  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:52

First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Kidney: Renal Tubule Cytoplasmic Alteration</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 07018 - 02  
 Test Type: 14-WEEK  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:52

First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Liver</b>				
<b>Extramedullary Hematopoiesis</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.366N	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.158N

Experiment Number: 07018 - 02  
 Test Type: 14-WEEK  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:52

First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Liver</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	10%	0%	0%	30%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	92 (T)	---	---	92 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	P=0.292
POLY 1.5	(e)	(e)	(e)	P=0.292
POLY 6	(e)	(e)	(e)	P=0.292
COCH-ARM / FISHERS	P=0.228	(e)	(e)	P=0.291
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.136

Experiment Number: 07018 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:52

First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female

---

Pituitary Gland: Pars Intermedia  
Hyperplasia

---

**LESION RATES**

OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92 (T)	---	---	---

---

**STATISTICAL TESTS**

POLY 3	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.366N	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.158N

---

Experiment Number: 07018 - 02  
Test Type: 14-WEEK  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:52

First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 14 WEEKS**

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DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Stomach, Forestomach: Epithelium Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

---

Experiment Number: 07018 - 02  
Test Type: 14-WEEK  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1

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

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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 14 WEEKS**

---

DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Testis: Germinal Epithelium Degeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	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	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

---



Experiment Number: 07018 - 02  
 Test Type: 14-WEEK  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

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

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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Thyroid Gland Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 07018 - 02  
 Test Type: 14-WEEK  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

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

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First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Urinary Bladder Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.366N	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.158N

Experiment Number: 07018 - 02  
 Test Type: 14-WEEK  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

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

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Date Report Requested: 01/08/2020

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First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Uterus</b>				
<b>Decidual Reaction</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	1/1 (100%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/1.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	100%	0%	0%
TERMINAL (d)	0/10 (0%)	1/1 (100%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	92 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	P=0.091	(e)	(e)
POLY 1.5	(e)	P=0.091	(e)	(e)
POLY 6	(e)	P=0.091	(e)	(e)
COCH-ARM / FISHERS	P=0.461N	P=0.091	(e)	(e)
MAX-ISO-POLY-3	(e)	P<0.001**	(e)	(e)

Experiment Number: 07018 - 02  
 Test Type: 14-WEEK  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

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Date Report Requested: 01/08/2020

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First Dose M/F: 05/08/13 / 05/07/13

Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females			
	0 mg/mL female	3 mg/mL female	10 mg/mL female	30 mg/mL female
<b>Uterus: Arteriole Hypertrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/10 (0%)	1/1 (100%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/1.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	100%	0%	0%
TERMINAL (d)	0/10 (0%)	1/1 (100%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	92 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(e)	P=0.091	(e)	(e)
POLY 1.5	(e)	P=0.091	(e)	(e)
POLY 6	(e)	P=0.091	(e)	(e)
COCH-ARM / FISHERS	P=0.461N	P=0.091	(e)	(e)
MAX-ISO-POLY-3	(e)	P<0.001**	(e)	(e)

Experiment Number: 07018 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

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

Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride

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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 \*\*\*