

**Experiment Number:** 07018 - 01  
**Test Type:** 14-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Ionic Liquid:** 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

**Date Report Requested:** 01/08/2020  
**Time Report Requested:** 11:06:12  
**First Dose M/F:** 05/09/13 / 05/10/13  
**Lab:** BAT

Final\_1 - EMIM Rats

**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

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
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**CAS Number: 65039-09-0**

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

**ANIMAL ID:** 301

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305659

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testis	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Eye			
Note: Optic Nerves Missing			
* Kidney		Nephropathy	Chronicprogr, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

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Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 302

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305660

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                             |                          |                            |                           |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex            | * Adrenal Medulla        | Blood Vessel               | * Bone                    |
| * Bone Marrow               | * Brain                  | * Epididymis               | * Esophagus               |
| * Eye                       | * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      |
| * Liver                     | * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  |
| * Mammary Gland             | * Pituitary Gland        | * Preputial Gland          | * Prostate                |
| * Salivary Glands           | * Seminal Vesicle        | * Skin                     | * Spleen                  |
| * Stomach, Forestomach      | * Stomach, Glandular     | * Testis                   | * Thymus                  |
| * Thyroid Gland             | * Trachea                | * Urinary Bladder          |                           |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |                   |               |                               |                       |
|-------------------|---------------|-------------------------------|-----------------------|
| * Harderian Gland |               | Infiltration Cellular         | Lymphocyte, Minimal   |
| * Heart           |               | Cardiomyopathy                | Minimal               |
| * Kidney          |               | Nephropathy                   | Chronicprogr, Minimal |
| * Nose            | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal               |
| * Pancreas        | Acinus        | Atrophy                       | Minimal               |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

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First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 303

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Testis                    | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |                          |

OBSERVATIONS

- |                   |              |                       |
|-------------------|--------------|-----------------------|
| * Kidney          | Nephropathy  | Chronicprogr, Minimal |
| * Preputial Gland | Inflammation | Chronic Active, Mild  |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

**ANIMAL ID:** 304

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305662

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Pancreas               |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testis                  | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |          |               |                               |                       |
|----------|---------------|-------------------------------|-----------------------|
| * Kidney |               | Nephropathy                   | Chronicprogr, Minimal |
| * Nose   | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal               |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
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Lab: BAT

ANIMAL ID: 305

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305663

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testis	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney	Nephropathy	Chronicprogr, Minimal
* Lung	Infiltration Cellular	Histiocyte, Minimal

Experiment Number: 07018 - 01

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Route: DOSED WATER

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
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First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 306

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305664

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testis	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Liver	Infiltration Cellular	Mixed Cell, Minimal
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Species/Strain: RATS/HSD

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Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 307

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305665

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testis
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

\* Kidney

Nephropathy

Chronicprogr, Minimal



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Species/Strain: RATS/HSD

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Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 308

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                          |                            |                           |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex            | * Adrenal Medulla        | Blood Vessel               | * Bone                    |
| * Bone Marrow               | * Brain                  | * Epididymis               | * Esophagus               |
| * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      |
| * Liver                     | * Lymph Node, Mandibular | * Lymph Node, Mesenteric   | * Mammary Gland           |
| * Pancreas                  | * Pituitary Gland        | * Preputial Gland          | * Prostate                |
| * Salivary Glands           | * Seminal Vesicle        | * Skin                     | * Spleen                  |
| * Stomach, Forestomach      | * Stomach, Glandular     | * Testis                   | * Thymus                  |
| * Thyroid Gland             | * Trachea                | * Urinary Bladder          |                           |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                   |               |                               |                         |
|-------------------|---------------|-------------------------------|-------------------------|
| * Eye             | Retina        | Dysplasia                     | Minimal                 |
| * Harderian Gland |               | Infiltration Cellular         | Mononuclear CI, Minimal |
| * Kidney          |               | Nephropathy                   | Chronicprogr, Minimal   |
| * Lung            |               | Infiltration Cellular         | Histiocyte, Minimal     |
| * Nose            | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal                 |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 309

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305667

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Pancreas                 | * Pituitary Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testis                  | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |                   |              |                       |
|-------------------|--------------|-----------------------|
| * Kidney          | Nephropathy  | Chronicprogr, Minimal |
| * Preputial Gland | Inflammation | Chronic Active, Mild  |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
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CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 310

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305668

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Pancreas               |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testis                  | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |          |               |                               |                       |
|----------|---------------|-------------------------------|-----------------------|
| * Kidney |               | Nephropathy                   | Chronicprogr, Minimal |
| * Nose   | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal               |

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
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**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

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**ANIMAL ID:** 311

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305669

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 312

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305670

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

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**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 313

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305671

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 314

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305672

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 315

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305673

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 316

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305674

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 317

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305675

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 318

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305676

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 319

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305677

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 320

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305678

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 321

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305679

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 322

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305680

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 323

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305681

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 324

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305682

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 325

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305683

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 326

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305684

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 327

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305685

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 328

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305686

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 329

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305687

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 330

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1305688

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 331

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | Blood Vessel             | * Bone                     |
| * Bone Marrow             | * Brain                     | * Epididymis             | * Esophagus                |
| * Eye                     | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Liver                     | * Lung                   | * Lymph Node, Mandibular   |
| * Lymph Node, Mesenteric  | * Mammary Gland             | * Pancreas               | * Parathyroid Gland        |
| * Pituitary Gland         | * Preputial Gland           | * Prostate               | * Salivary Glands          |
| * Seminal Vesicle         | * Skin                      | * Spleen                 | * Stomach, Forestomach     |
| * Stomach, Glandular      | * Testis                    | * Thymus                 | * Thyroid Gland            |
| * Trachea                 | * Urinary Bladder           |                          |                            |

OBSERVATIONS

- |                   |               |                               |                         |
|-------------------|---------------|-------------------------------|-------------------------|
| * Harderian Gland |               | Infiltration Cellular         | Mononuclear CI, Minimal |
| * Kidney          |               | Nephropathy                   | Chronicprogr, Minimal   |
| * Nose            | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal                 |



Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 332

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305690

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | Blood Vessel             | * Bone                     |
| * Bone Marrow             | * Brain                     | * Epididymis             | * Esophagus                |
| * Eye                     | * Harderian Gland           | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Liver                     | * Lung                   | * Lymph Node, Mandibular   |
| * Lymph Node, Mesenteric  | * Mammary Gland             | * Pancreas               | * Pituitary Gland          |
| * Preputial Gland         | * Prostate                  | * Salivary Glands        | * Seminal Vesicle          |
| * Skin                    | * Spleen                    | * Stomach, Forestomach   | * Stomach, Glandular       |
| * Testis                  | * Thymus                    | * Thyroid Gland          | * Trachea                  |
| * Urinary Bladder         |                             |                          |                            |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |          |               |                               |                       |
|----------|---------------|-------------------------------|-----------------------|
| * Heart  |               | Cardiomyopathy                | Minimal               |
| * Kidney |               | Nephropathy                   | Chronicprogr, Minimal |
| * Nose   | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal               |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 333

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | Blood Vessel             | * Bone                     |
| * Bone Marrow             | * Brain                     | * Epididymis             | * Esophagus                |
| * Eye                     | * Harderian Gland           | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Lung                      | * Lymph Node, Mandibular | * Lymph Node, Mesenteric   |
| * Mammary Gland           | * Pancreas                  | * Parathyroid Gland      | * Pituitary Gland          |
| * Preputial Gland         | * Prostate                  | * Salivary Glands        | * Seminal Vesicle          |
| * Skin                    | * Spleen                    | * Stomach, Forestomach   | * Stomach, Glandular       |
| * Testis                  | * Thymus                    | * Thyroid Gland          | * Trachea                  |
| * Urinary Bladder         |                             |                          |                            |

OBSERVATIONS

- |          |               |                               |                       |
|----------|---------------|-------------------------------|-----------------------|
| * Heart  |               | Cardiomyopathy                | Minimal               |
| * Kidney |               | Nephropathy                   | Chronicprogr, Minimal |
| * Liver  |               | Infiltration Cellular         | Mixed Cell, Minimal   |
| * Nose   | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal               |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 334

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305692

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Pancreas                 | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Testis                  | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |                      |             |                       |
|----------------------|-------------|-----------------------|
| * Kidney             | Nephropathy | Chronicprogr, Minimal |
| * Stomach, Glandular | Mineral     | Minimal               |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 335

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305693

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | Blood Vessel             | * Bone                     |
| * Bone Marrow             | * Brain                     | * Epididymis             | * Esophagus                |
| * Eye                     | * Harderian Gland           | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Liver                     | * Lung                   | * Lymph Node, Mandibular   |
| * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   | * Pituitary Gland          |
| * Preputial Gland         | * Prostate                  | * Salivary Glands        | * Seminal Vesicle          |
| * Skin                    | * Spleen                    | * Stomach, Forestomach   | * Testis                   |
| * Thymus                  | * Thyroid Gland             | * Trachea                | * Urinary Bladder          |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |                      |                       |                         |
|----------------------|-----------------------|-------------------------|
| * Heart              | Cardiomyopathy        | Minimal                 |
| * Kidney             | Nephropathy           | Chronicprogr, Minimal   |
| * Pancreas           | Infiltration Cellular | Mononuclear CI, Minimal |
| * Stomach, Glandular | Mineral               | Minimal                 |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 336

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      | * Pancreas               |
| * Parathyroid Gland        | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testis                  | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

OBSERVATIONS

- |                   |               |                       |                       |
|-------------------|---------------|-----------------------|-----------------------|
| * Kidney          |               | Nephropathy           | Chronicprogr, Minimal |
| * Liver           |               | Infiltration Cellular | Mixed Cell, Minimal   |
| * Pituitary Gland | Pars Distalis | Cyst                  |                       |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 337

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | Blood Vessel             | * Bone                     |
| * Bone Marrow             | * Brain                     | * Epididymis             | * Esophagus                |
| * Harderian Gland         | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Liver                     | * Lung                   | * Lymph Node, Mandibular   |
| * Lymph Node, Mesenteric  | * Mammary Gland             | * Pancreas               | * Parathyroid Gland        |
| * Pituitary Gland         | * Preputial Gland           | * Prostate               | * Salivary Glands          |
| * Seminal Vesicle         | * Skin                      | * Spleen                 | * Stomach, Forestomach     |
| * Stomach, Glandular      | * Testis                    | * Thymus                 | * Thyroid Gland            |
| * Trachea                 | * Urinary Bladder           |                          |                            |

OBSERVATIONS

- |          |               |                               |                       |
|----------|---------------|-------------------------------|-----------------------|
| * Eye    | Retina        | Dysplasia                     | Minimal               |
| * Kidney |               | Nephropathy                   | Chronicprogr, Minimal |
| * Nose   | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal               |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 338

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305696

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Pancreas               |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Testis                   | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |                      |               |                               |                       |
|----------------------|---------------|-------------------------------|-----------------------|
| * Kidney             |               | Nephropathy                   | Chronicprogr, Minimal |
| * Nose               | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal               |
| * Stomach, Glandular |               | Mineral                       | Minimal               |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 339

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Pancreas                 | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Testis                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |          |               |                               |         |
|----------|---------------|-------------------------------|---------|
| * Nose   | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
| * Thymus |               | Atrophy                       | Minimal |



Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 340

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Pancreas                 | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Testis                    | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |                          |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |        |               |                               |         |
|--------|---------------|-------------------------------|---------|
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
|--------|---------------|-------------------------------|---------|

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

**ANIMAL ID:** 341

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305709

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

**OBSERVATIONS**

- |          |               |                               |                       |
|----------|---------------|-------------------------------|-----------------------|
| * Kidney |               | Nephropathy                   | Chronicprogr, Minimal |
| * Nose   | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal               |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 342

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Ovary                  |
| * Pancreas                 | * Pituitary Gland         | * Salivary Glands           | * Skin                   |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |          |                |                               |                       |
|----------|----------------|-------------------------------|-----------------------|
| * Kidney |                | Nephropathy                   | Chronicprogr, Minimal |
| * Nose   | Olfactory Epi  | Accumulation, Hyaline Droplet | Minimal               |
|          | Respirat Epith | Inflammation                  | Suppurative, Minimal  |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 343

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla         | Blood Vessel                | * Bone                   | * Bone Marrow              |
| * Brain                   | * Clitoral Gland            | * Esophagus              | * Eye                      |
| * Harderian Gland         | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Liver                  | * Lung                     |
| * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          | * Nose                     |
| * Ovary                   | * Pancreas                  | * Parathyroid Gland      | * Pituitary Gland          |
| * Salivary Glands         | * Skin                      | * Spleen                 | * Stomach, Forestomach     |
| * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          | * Trachea                  |
| * Urinary Bladder         | * Uterus                    |                          |                            |

OBSERVATIONS

- |                  |           |             |                |
|------------------|-----------|-------------|----------------|
| * Adrenal Cortex | Bilateral | Hypertrophy | Focal, Minimal |
|------------------|-----------|-------------|----------------|

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 344

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Ovary                    | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |        |               |                               |         |
|--------|---------------|-------------------------------|---------|
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
|--------|---------------|-------------------------------|---------|

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 345

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305713

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Chronicprogr, Minimal
* Nose	Respirat Epith	Inflammation	Suppurative, Minimal

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 346

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | Blood Vessel              | * Bone                      |
| * Bone Marrow            | * Brain                    | * Esophagus               | * Harderian Gland           |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric   | * Mammary Gland           | * Ovary                     |
| * Pancreas               | * Pituitary Gland          | * Salivary Glands         | * Skin                      |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Thymus                    |
| * Thyroid Gland          | * Trachea                  | * Urinary Bladder         | * Uterus                    |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                            |                             |              |                         |
|----------------------------|-----------------------------|--------------|-------------------------|
| * Clitoral Gland           |                             | Inflammation | Chronic Active, Minimal |
| * Eye                      | Retina                      | Dysplasia    | Minimal                 |
| * Heart                    | Valve                       | Fibrosis     | Minimal                 |
| * Kidney                   |                             | Nephropathy  | Chronicprogr, Mild      |
| * Lung                     |                             | Inflammation | Chronic, Minimal        |
| Lymph Node                 | Mediastinal                 | Hemorrhage   | Minimal                 |
| [ Hemorrhage TGLs = 1-16 ] |                             |              |                         |
| * Nose                     | Goblet Cell, Respirat Epith | Hyperplasia  | Minimal                 |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 347

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305715

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Liver		Clear Cell Focus	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild



Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 348

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305716

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla         | Blood Vessel                | * Bone                   | * Bone Marrow              |
| * Brain                   | * Clitoral Gland            | * Esophagus              | * Eye                      |
| * Harderian Gland         | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Lymph Node, Mandibular | * Lymph Node, Mesenteric   |
| * Mammary Gland           | * Ovary                     | * Pancreas               | * Pituitary Gland          |
| * Salivary Glands         | * Skin                      | * Spleen                 | * Stomach, Forestomach     |
| * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          | * Trachea                  |
| * Urinary Bladder         | * Uterus                    |                          |                            |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |                  |               |                               |                     |
|------------------|---------------|-------------------------------|---------------------|
| * Adrenal Cortex |               | Hypertrophy                   | Focal, Minimal      |
| * Liver          |               | Infiltration Cellular         | Mixed Cell, Minimal |
| * Lung           |               | Infiltration Cellular         | Histiocyte, Minimal |
| * Nose           | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal             |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 349

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Ovary                     | * Pancreas               |
| * Parathyroid Gland        | * Pituitary Gland         | * Salivary Glands           | * Skin                   |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |

OBSERVATIONS

- |          |                |                               |                         |
|----------|----------------|-------------------------------|-------------------------|
| * Kidney |                | Infiltration Cellular         | Mononuclear CI, Minimal |
| * Liver  |                | Infiltration Cellular         | Mixed Cell, Minimal     |
| * Nose   | Olfactory Epi  | Accumulation, Hyaline Droplet | Minimal                 |
|          | Transit Epithe | Inflammation                  | Suppurative, Minimal    |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

**ANIMAL ID:** 350

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305718

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
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**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 351

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305719

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 352

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305720

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 353

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305721

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

---

**ANIMAL ID:** 354

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305722

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**OBSERVATIONS**

Liver

Hepatodiaphragmatic Nodule

[ Hepatodiaphragmatic Nodule TGLs = 1-16 ]

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**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 355

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305723

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 356

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305724

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 357

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305725

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

---

**ANIMAL ID:** 358

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305726

---

**OBSERVATIONS**

Stomach, Forestomach

Cyst

Note: Cyst lined by glandular and squamous epithelium

[ Cyst TGLs = 1-9 ]

---

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 359

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305727

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 360

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305728

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 361

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305729

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 362

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305730

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 363

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305731

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION



**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 364

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305732

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 365

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305733

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 366

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305734

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 367

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305735

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 368

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305736

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 369

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305737

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 07018 - 01

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number:** 65039-09-0

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

**Time Report Requested:** 11:06:12

**First Dose M/F:** 05/09/13 / 05/10/13

**Lab:** BAT

---

**ANIMAL ID:** 370

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305738

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
**CAS Number: 65039-09-0**

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

**ANIMAL ID:** 371

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 10 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305739

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Ovary                    | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |        |               |                               |         |
|--------|---------------|-------------------------------|---------|
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
|--------|---------------|-------------------------------|---------|



Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 10 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305740

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |          |             |                       |
|----------|-------------|-----------------------|
| * Kidney | Nephropathy | Chronicprogr, Minimal |
|----------|-------------|-----------------------|

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 373

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 10 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305741

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
--------	---------------	-------------------------------	---------

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 374

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 10 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Ovary                    | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |        |               |                               |         |
|--------|---------------|-------------------------------|---------|
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
|--------|---------------|-------------------------------|---------|

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

**ANIMAL ID:** 375

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 10 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1305743

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Ovary                    | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |        |               |                               |         |
|--------|---------------|-------------------------------|---------|
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
|--------|---------------|-------------------------------|---------|

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 376

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 10 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        |
| * Salivary Glands          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          | * Uterus                  |                             |                          |

OBSERVATIONS

- |         |                       |                     |
|---------|-----------------------|---------------------|
| * Liver | Infiltration Cellular | Mixed Cell, Minimal |
|---------|-----------------------|---------------------|

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 377

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 10 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305745

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Ovary                  |
| * Pancreas                 | * Pituitary Gland         | * Salivary Glands           | * Skin                   |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |         |               |                               |                     |
|---------|---------------|-------------------------------|---------------------|
| * Liver |               | Infiltration Cellular         | Mixed Cell, Minimal |
| * Nose  | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal             |

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 378

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 10 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305746

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

Experiment Number: 07018 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Ethyl-3-methylimidazolium Chloride  
CAS Number: 65039-09-0

Date Report Requested: 01/08/2020

Time Report Requested: 11:06:12

First Dose M/F: 05/09/13 / 05/10/13

Lab: BAT

ANIMAL ID: 379

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 10 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

OBSERVATIONS

- |        |               |                               |                     |
|--------|---------------|-------------------------------|---------------------|
| * Lung |               | Infiltration Cellular         | Histiocyte, Minimal |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal             |



Experiment Number: 07018 - 01

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Lab: BAT

ANIMAL ID: 380

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 10 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305748

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla         | Blood Vessel                | * Bone                   | * Bone Marrow              |
| * Brain                   | * Clitoral Gland            | * Esophagus              | * Eye                      |
| * Harderian Gland         | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Liver                  | * Lung                     |
| * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          | * Ovary                    |
| * Pancreas                | * Pituitary Gland           | * Salivary Glands        | * Skin                     |
| * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     | * Thymus                   |
| * Thyroid Gland           | * Trachea                   | * Urinary Bladder        | * Uterus                   |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |                  |               |                               |                |
|------------------|---------------|-------------------------------|----------------|
| * Adrenal Cortex | Bilateral     | Hypertrophy                   | Focal, Minimal |
| * Nose           | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal        |

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