

**Experiment Number:** 50051 - 02  
**Test Type:** 14-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

**Date Report Requested:** 01/08/2020  
**Time Report Requested:** 11:05:18  
**First Dose M/F:** 08/21/13 / 08/20/13  
**Lab:** BAT

Final\_1 - BMPY Mice

**NTP Study Number:** C05051  
**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: 50051 - 02

Test Type: 14-WEEK

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Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
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CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 401

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1306966

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* 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
* 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			

**MISSING**

\* Mammary Gland

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 402

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1306967

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* 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
* 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			

**MISSING**

\* Mammary Gland

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
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First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 403

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1306968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Gallbladder             | * Harderian Gland           | * 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    | * 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        |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |  |                |         |
|--|----------------|---------|
| * Heart                                | Cardiomyopathy | Minimal |
| Urethra                                | Papilloma      |         |
| Note: Papilloma = in prostatic urethra |                |         |

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**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
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Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 404

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1306969

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* 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	* 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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

\* Kidney

Nephropathy

Chronicprogr, Minimal

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Species/Strain: MICE/B6C3F1

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First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 405

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1306970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | Blood Vessel              | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * 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  | * 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           |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |        |          |                       |                     |
|--------|----------|-----------------------|---------------------|
| * Lung | Alveolus | Infiltration Cellular | Histiocyte, Minimal |
|--------|----------|-----------------------|---------------------|

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Test Type: 14-WEEK

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Species/Strain: MICE/B6C3F1

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Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 406

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1306971

**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	* 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

**MISSING**

* Gallbladder	* Mammary Gland
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Test Type: 14-WEEK

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Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
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CAS Number: 479500-35-1

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Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 407

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1306972

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* 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
* 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			

**MISSING**

\* Mammary Gland



Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 408

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1306973

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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	* 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**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
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Experiment Number: 50051 - 02

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Species/Strain: MICE/B6C3F1

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Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 409

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1306974

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* 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
* 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			

**MISSING**

\* Mammary Gland

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

**ANIMAL ID:** 410

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306975

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | Blood Vessel              | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * 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  | * 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           |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |         |                       |                         |
|---------|-----------------------|-------------------------|
| * Liver | Infiltration Cellular | Mononuclear CI, Minimal |
|---------|-----------------------|-------------------------|

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
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**Date Report Requested:** 01/08/2020

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

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**ANIMAL ID:** 411

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306976

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Kidney

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**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
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**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 412

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306977

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
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**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 413

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306978

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 414

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306979

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 415

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306980

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---



**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 416

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306981

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 417

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306982

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 418

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306983

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 419

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306984

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 420

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306985

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 421

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306986

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 422

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306987

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 423

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306988

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---



**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 424

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306989

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 425

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306990

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 426

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306991

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 427

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306992

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 428

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306993

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**OBSERVATIONS**

Kidney

Nephropathy

Chronicprogr, Minimal

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 429

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306994

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 430

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1306995

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 431

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1306996

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* 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	* 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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
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Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 432

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1306997

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* 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	* 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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
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Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 433

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1306998

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* 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
* 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			

**MISSING**

\* Mammary Gland

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 434

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1306999

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | Blood Vessel              | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * 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  | * 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           |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

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

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 435

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1307000

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* 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	* 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**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
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Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 436

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1307001

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* 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
* 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			

**MISSING**

\* Mammary Gland

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

**ANIMAL ID:** 437

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 10 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1307002

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | Blood Vessel              | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * 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  | * 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           |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |          |              |                        |      |
|----------|--------------|------------------------|------|
| * Kidney | Renal Tubule | Cytoplasmic Alteration | Mild |
|----------|--------------|------------------------|------|

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 438

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1307003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Gallbladder             | * Harderian Gland           | * 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    | * 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        |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |         |       |              |                     |
|---------|-------|--------------|---------------------|
| * Heart | Valve | Degeneration | Myxomatous, Minimal |
|---------|-------|--------------|---------------------|

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 439

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 10 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1307004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Gallbladder             | * 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  | * 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           |                          |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |          |              |                        |         |
|----------|--------------|------------------------|---------|
| * Heart  |              | Cardiomyopathy         | Minimal |
| * Kidney | Renal Tubule | Cytoplasmic Alteration | Minimal |



Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

**ANIMAL ID:** 440

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 10 mg/mL male

**DISP:** Terminal Sacrifice

**HISTO:** 1307005

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | Blood Vessel              | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * 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, Mesenteric   | * Mammary Gland           | * Nose                      |
| * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           |
| * Prostate               | * Seminal Vesicle          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Testis                  | * Thymus                    |
| * Thyroid Gland          | * Trachea                  | * Urinary Bladder         |                             |

**MISSING**

- |                          |                   |
|--------------------------|-------------------|
| * Lymph Node, Mandibular | * Salivary Glands |
|--------------------------|-------------------|

**OBSERVATIONS**

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

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 441

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307016

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* 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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

\* Lung

**OBSERVATIONS**

\* Clitoral Gl

Note: One clitoral gland = missing

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 442

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307017

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* 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: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 443

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307018

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | Blood Vessel              | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * 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                  |
| * Pituitary Gland        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          |                           |                             |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |                     |                   |        |
|---------------------|-------------------|--------|
| * Uterus            | Decidual Reaction | Marked |
| [ Decidual Reaction | TGLs = 1-8 ]      |        |

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

**ANIMAL ID:** 444

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307019

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Eye                      | * Gallbladder             | * Harderian Gland           | * 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**

- |         |                |         |
|---------|----------------|---------|
| * Heart | Cardiomyopathy | Minimal |
|---------|----------------|---------|

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 445

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307020

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* 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, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
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Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 446

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307021

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* 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: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 447

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307022

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* 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, 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		

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Liver	Infiltration Cellular	Mononuclear CI, Minimal
---------	-----------------------	-------------------------



Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 448

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307023

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Esophagus                 | * Eye                    |
| * Gallbladder              | * 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                | * Parathyroid Gland         | * Pituitary Gland        |
| * Salivary Glands          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          | * Uterus                  |                             |                          |

**INSUFFICIENT TISSUE**

- \* Clitoral Gland

**OBSERVATIONS**

- \* Clitoral Gl

Note: one clitoral gland = missing.

- \* Kidney

Nephropathy

Chronicprogr, Minimal

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 449

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307024

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* 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**

\* Clitoral GI

Note: One clitoral gland = missing.

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 450

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307025

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* 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

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 451

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307026

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 452

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307027

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 453

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307028

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Kidney

---

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

---

<b>ANIMAL ID:</b> 454	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 1 mg/mL female	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 1307029
<b>OBSERVATIONS</b>			
Adrenal Cortex	X-Zone	Persistent	
Kidney		Nephropathy	Chronicprogr, Minimal

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 455

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307030

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

---

**OBSERVATIONS**

Kidney

Nephropathy

Chronicprogr, Minimal

---



**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 456

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307031

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 457

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307032

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 458

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307033

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

---

**OBSERVATIONS**

Kidney

Nephropathy

Chronicprogr, Minimal

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 459

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307034

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 460

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 1 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307035

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 461

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307036

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 462

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307037

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 463

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307038

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Kidney

---



Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

---

**ANIMAL ID:** 464

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307039

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Kidney

---

**OBSERVATIONS**

Ovary

Follicle

Cyst

[ Cyst TGLs = 1-8 ]

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 465

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307040

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**OBSERVATIONS**

Adrenal Cortex

X-Zone

Persistent

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 466

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307041

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**OBSERVATIONS**

Adrenal Cortex

X-Zone

Persistent

---

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 467

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307042

---

**OBSERVATIONS**

Adrenal Cortex

X-Zone

Persistent

Kidney

Nephropathy

Chronicprogr, Minimal

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 468

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307043

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

---

**OBSERVATIONS**

Adrenal Cortex

X-Zone

Persistent

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 469

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307044

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Kidney

---

**Experiment Number:** 50051 - 02

**Test Type:** 14-WEEK

**Route:** DOSED WATER

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
**CAS Number:** 479500-35-1

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

**Time Report Requested:** 11:05:18

**First Dose M/F:** 08/21/13 / 08/20/13

**Lab:** BAT

---

**ANIMAL ID:** 470

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 3 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307045

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Kidney

---

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 471

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 6 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307046

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* 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: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 472

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 6 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307047

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* 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: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

**ANIMAL ID:** 473

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 6 mg/mL female

**DISP:** Terminal Sacrifice

**HISTO:** 1307048

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | Blood Vessel              | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Eye                    | * Gallbladder              | * 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**

- \* Clitoral GI

Note: One clitoral gland = missing.

- \* Liver

Inflammation

Chronic Active, Minimal

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 474

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 6 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307049

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* 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**

\* Clitoral GI

Note: One clitoral gland = missing.

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 475

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 6 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307050

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* 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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Skin

**INSUFFICIENT TISSUE**

\* Clitoral Gland

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 476

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 6 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307051

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* 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	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

\* Clitoral Gl

Note: one clitoral gland = missing

\* Ovary

Cyst

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 477

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 6 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307052

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	X-Zone	Persistent
* Clitoral GI		

Note: one clitoral gland = missing

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 478

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 6 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | Blood Vessel              | * Bone                      | * Bone Marrow            |
| * Brain                    | * Clitoral Gland          | * Esophagus                 | * Eye                    |
| * Gallbladder              | * 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         |                             |                          |

OBSERVATIONS

- |                  |             |             |                 |
|------------------|-------------|-------------|-----------------|
| * Adrenal Cortex | X-Zone      | Persistent  |                 |
| * Uterus         | Endometrium | Hyperplasia | Cystic, Minimal |

Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 479

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 6 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | Blood Vessel              | * Bone                      | * Bone Marrow            |
| * Brain                    | * Clitoral Gland          | * Esophagus                 | * Eye                    |
| * Gallbladder              | * 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                     | * Pancreas                | * Salivary Glands           | * Skin                   |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |

MISSING

- |                     |                   |
|---------------------|-------------------|
| * Parathyroid Gland | * Pituitary Gland |
|---------------------|-------------------|

OBSERVATIONS

- |                  |          |            |
|------------------|----------|------------|
| * Adrenal Cortex | X-Zone   | Persistent |
| * Ovary          | Follicle | Polyovular |



Experiment Number: 50051 - 02

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Ionic Liquid: 1-Butyl-1-methylpyrrolidinium Chloride  
CAS Number: 479500-35-1

Date Report Requested: 01/08/2020

Time Report Requested: 11:05:18

First Dose M/F: 08/21/13 / 08/20/13

Lab: BAT

ANIMAL ID: 480

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 6 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1307055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | Blood Vessel              | * Bone                      | * Bone Marrow            |
| * Brain                    | * Clitoral Gland          | * Esophagus                 | * Eye                    |
| * Gallbladder              | * 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                  | * Pituitary Gland        |
| * Salivary Glands          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          | * Uterus                  |                             |                          |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                  |        |            |
|------------------|--------|------------|
| * Adrenal Cortex | X-Zone | Persistent |
|------------------|--------|------------|

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