

Experiment Number: 50050 - 01
Test Type: 14-WEEK
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020
Time Report Requested: 12:59:00
First Dose M/F: 04/25/13 / 04/26/13
Lab: BAT

BMIM Rats - Final 2

NTP Study Number: C50050
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: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 101

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305501

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	* 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

* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
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Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 102

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305502

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

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 103

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305503

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 |
| * Parathyroid Gland | * Pituitary Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Testis | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|----------------------|---------------|-------------------------------|-------------------------|
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
| * Preputial Gland | | Inflammation | Chronic Active, Mild |
| * Stomach, Glandular | | Inflammation | Chronic Active, Minimal |
| | | Mineral | Minimal |

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 104

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Epididymis	Duct	Exfoliated Germ Cell	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testis	Germinal Epith	Degeneration	Minimal

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Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

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Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

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Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 105

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305505

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

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

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Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 106

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305506

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 |
| * 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 |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
| * Preputial Gland | | Inflammation | Chronic Active, Minimal |

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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CAS Number: 79917-90-1

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Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 107

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305507

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 |
|----------|-------------|-----------------------|

Experiment Number: 50050 - 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: 108

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305508

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 | * Stomach, Glandular | * Testis | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

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

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Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 109

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305509

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 |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 110

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305510

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 |
|----------|-------------|-----------------------|

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 111

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 0.1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305511

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 112

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 0.1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305512

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 113

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 0.1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305513

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 114

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 0.1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305514

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 115

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 0.1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305515

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 116

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 0.1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305516

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 117

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 0.1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305517

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 118

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 0.1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305518

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 119

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 0.1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305519

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 120

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 0.1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305520

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 0.3 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305521

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 0.3 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305522

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 0.3 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305523

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 0.3 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305524

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 0.3 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305525

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 0.3 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305526

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 0.3 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305527

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 0.3 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305528

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 0.3 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305529

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 0.3 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305530

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 131

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * 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 |
| * Parathyroid Gland | * Pituitary Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|-------------------|----------------|-------------------------------|-------------------------|
| * Epididymis | Duct | Exfoliated Germ Cell | Minimal |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
| | Respirat Epith | Inflammation | Chronic Active, Minimal |
| | Transit Epithe | Inflammation | Chronic Active, Mild |
| * Preputial Gland | | Inflammation | Chronic Active, Mild |
| * Testis | Germinal Epith | Degeneration | Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 132

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305532

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 | * 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 |

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 133

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305533

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

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 134

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305534

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

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 135

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305535

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 |
| * 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

- | | | |
|------------------------------------|--------------|------------------------|
| * Brain | | |
| Note: Basal ganglion not sectioned | | |
| * Preputial Gland | Inflammation | Chronic Active, Marked |

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 136

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305536

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 |
| * 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 |
| * Pancreas | Acinus | Atrophy | Minimal |

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 137

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305537

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 |
|----------|-------------|-----------------------|

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 138

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305538

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 |
| * 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 |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
| * Preputial Gland | | Infiltration Cellular | Mononuclear CI, Minimal |

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 139

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305539

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 |
| * 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 |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |
| * Preputial Gland | | Inflammation | Chronic Active, Mild |

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 140

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 1 mg/mL male

DISP: Terminal Sacrifice

HISTO: 1305540

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

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 141

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | | |
|------------------|------------|-----------------------|-------------------------|
| * Clitoral Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Nose | Epithelium | Inflammation | Chronic Active, Minimal |
| * Ovary | Follicle | Cyst | |

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 142

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * 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

- | | | | |
|------------------------------------|---------------|-------------------------------|--------------------------|
| * Bone | Maxilla | Inflammation | Chronic Active, Moderate |
| * Brain | | | |
| Note: Basal Ganglion not sectioned | | | |
| * Clitoral Gland | | Inflammation | Chronic Active, Mild |
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Minimal |

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 143

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305553

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 | Epithelium | Inflammation | Chronic Active, Minimal |

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 144

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305554

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	Epithelium	Inflammation	Chronic Active, Mild
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Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 145

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305555

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 | | Hypertrophy | Focal, Minimal |
| * Nose | Olfactory Epi
Epithelium | Accumulation, Hyaline Droplet
Inflammation | Minimal
Chronic Active, Minimal |

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 146

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * 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

- | | | | |
|------------------|------------|--------------|-------------------------|
| * Clitoral Gland | | Inflammation | Chronic Active, Minimal |
| * Nose | Epithelium | Inflammation | Chronic Active, Mild |

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 147

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305557

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 Epithelium	Accumulation, Hyaline Droplet Inflammation	Minimal Chronic Active, Mild
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Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 148

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305558

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
Epithelium | Accumulation, Hyaline Droplet
Inflammation | Minimal
Chronic Active, Minimal |
|--------|-----------------------------|-----------------------------------------------|------------------------------------|

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 149

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305559

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 | Epithelium | Inflammation | Chronic Active, Mild |

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 150

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305560

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 Epithelium	Accumulation, Hyaline Droplet Inflammation	Minimal Chronic Active, Mild

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 151

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 0.1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305561

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Minimal

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 152

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 0.1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305562

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Minimal

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 153

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 0.1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305563

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Minimal

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 154

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 0.1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305564

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Minimal

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 155

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 0.1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305565

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Mild

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 156

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 0.1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305566

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Mild

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 157

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 0.1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305567

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Mild

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 158

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 0.1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1035568

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Mild

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 159

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 0.1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305569

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Minimal

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 160

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 0.1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305570

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Minimal

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 162

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 0.3 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305572

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 163

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 0.3 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305573

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Minimal

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 164

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 0.3 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305574

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Minimal

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 165

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 0.3 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305575

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 166

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 0.3 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305576

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Mild

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride

CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 167

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 0.3 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305577

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLs = 1-16]

Nose

Epithelium

Inflammation

Chronic Active, Mild

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 168

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 0.3 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305578

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Mild

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 169

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 0.3 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305579

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Minimal

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 170

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 0.3 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305580

OBSERVATIONS

Nose

Epithelium

Inflammation

Chronic Active, Minimal

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 171

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305581

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
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Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 172

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305582

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 | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

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

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 173

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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

* Clitoral Gland

Infiltration Cellular

Mononuclear CI, Mild

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 174

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305584

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: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 175

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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

* Brain

Note: Basal Ganglion not sectioned

* Clitoral Gland

Infiltration Cellular

Mononuclear CI, Minimal

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 176

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305586

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
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Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 177

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305587

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: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 178

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305588

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
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Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 179

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * 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

- | | | |
|-------------------------------|-----------------------|----------------------|
| * Brain | | |
| Note: Olfactory bulbs missing | | |
| * Clitoral Gland | Infiltration Cellular | Mononuclear CI, Mild |

Experiment Number: 50050 - 01

Test Type: 14-WEEK

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Ionic Liquid: 1-Butyl-3-methylimidazolium Chloride
CAS Number: 79917-90-1

Date Report Requested: 10/05/2020

Time Report Requested: 12:59:00

First Dose M/F: 04/25/13 / 04/26/13

Lab: BAT

ANIMAL ID: 180

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 1 mg/mL female

DISP: Terminal Sacrifice

HISTO: 1305590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * 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, 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 Gland | Infiltration Cellular | Mononuclear CI, Minimal |
| * Lymph Node, Mandibular | Hyperplasia | Lymphocyte, Minimal |

*** END OF REPORT ***