Test Type: 14-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1

#### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity **CAS Number: IONICLIQUIDS** 

Lab: MBA

Date Report Requested: 04/28/2020

Time Report Requested: 12:14:12

First Dose M/F: 03/12/09 / 03/13/09

**NTP Study Number:** C05049

Lock Date: 12/03/2009

**Cage Range:** ALL

**Date Range: ALL** 

**Reasons For Removal: ALL** 

**Removal Date Range: ALL** 

**Treatment Groups:** Include 001 Control Male

Include 007 30.0 mg/ml Emim

Include 019 3.0 mg/ml Emim

Include 022 100.0 mg/ml Emim

**Study Gender:** Both

**TDMSE Version:** 3.0.2.3\_002

**PWG Approval Date:** NONE Include 005 3.0 mg/ml Emim

Include 008 100.0 mg/ml Emim

Include 020 10.0 mg/ml Emim

Include 006 10.0 mg/ml Emim

Include 015 Control Female

Include 021 30.0 mg/ml Emim

Test Type: 14-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity **CAS Number: IONICLIQUIDS**  Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

		0	0	0	0	0	0	0	0	0	0	
B6C3F1 MICE MALE	DAY ON TEST	0 0 1	0 0 1	0	0	0	0	0	0	0	0	
		5	5	5	5	5	5	5	5	5	5	
Control Male	ANIMAL ID	0 0 0 0	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 1 0	* TOTALS
ALIMENTARY SYSTEN	1				•						•	
Intestine Small, Duodenum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum		+	+	+	+	+	+	+	+	+	+	10
Liver		+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	 10
CARDIOVASCULAR S	YSTEM											
Heart		+	+	+	+	+	+	+	+	+	+	10
ENDOCRINE SYSTEM												
NONE												
GENERAL BODY SYS	ГЕМ											
NONE							_					 
GENITAL SYSTEM												
Testes		+	+	+	+	+	+	+	+	+	+	10

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate 2) Mild 4) Marked

<sup>+ ..</sup> Tissue examined microscopically

Test Type: 14-DAY
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity

CAS Number: IONICLIQUIDS

Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

B6C3F1 MICE MALE	DAY ON TEST	0 0 1 5										
Control Male	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 1 0	* TOTALS
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	М	+	+	+	+	9
INTEGUMENTARY SYS	STEM			-			-					
NONE												
MUSCULOSKELETAL	SYSTEM											
NONE												
NERVOUS SYSTEM												
Brain		+	+	+	+	+	+	+	+	+	+	10
RESPIRATORY SYSTE	EM											
Lung		+	+	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYS	STEM											
NONE						_		-				
URINARY SYSTEM												
Kidney		+	+	+	+	+	+	+	+	+	+	10

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 14-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1

#### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity **CAS Number: IONICLIQUIDS**  Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

B6C3F1 MICE MALE	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	
3.0 mg/ml Emim	ANIMAL ID	0 0 0 2 6	0 0 0 2 7	0 0 0 2 8	0 0 0 2 9	0 0 0 3 0	* TOTALS
ALIMENTARY SYSTEM		1					TOTALS
Intestine Small, Jejunum		-	-	-	-	+	1
CARDIOVASCULAR SYS	TEM						
NONE							
ENDOCRINE SYSTEM							
NONE							
GENERAL BODY SYSTE	M						
NONE							
GENITAL SYSTEM							
Testes		+	+	+	+	+	5
HEMATOPOIETIC SYSTE	:M						
NONE							
INTEGUMENTARY SYSTI	EM						
NONE							
MUSCULOSKELETAL SY	STEM						
NONE							

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

M .. Missing tissue

X .. Lesion present I .. Insufficient tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

<sup>+ ..</sup> Tissue examined microscopically

Test Type: 14-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1

#### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity

CAS Number: IONICLIQUIDS

Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

B6C3F1 MICE MALE	DAY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	
3.0 mg/ml Emim	ANIMAL ID	5 0 0 0	5 0 0 0	0 0 0 2	0 0 0 0 2	0 0 0 3	
		6	7	8	9	Ö	* TOTALS

# **NERVOUS SYSTEM**

NONE

## **RESPIRATORY SYSTEM**

NONE

# **SPECIAL SENSES SYSTEM**

NONE

# **URINARY SYSTEM**

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

Test Type: 14-DAY
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity

CAS Number: IONICLIQUIDS

Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

			ı	1	1		
	DAY ON TEST	0	0	0	0	0	
B6C3F1 MICE MALE		1 5	1 5	1 5	1 5	1 5	
30.0 mg/ml Emim	ANIMAL ID	0 0 0 3 6	0 0 0 3 7	0 0 0 3 8	0 0 0 3 9	0 0 0 4 0	* TOTALS
ALIMENTARY SYSTEM	1						
Intestine Small, Duodenum		+	+	+	+	+	5
Intestine Small, Ileum		+	+	+	+	+	5
Intestine Small, Jejunum		+	+	+	+	+	5
Liver		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5
CARDIOVASCULAR SY	YSTEM						
Heart		+	+	+	+	+	5
ENDOCRINE SYSTEM							
NONE							
GENERAL BODY SYST	ΓEM						
NONE							
GENITAL SYSTEM							
Testes		+	+	+	+	+	5

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>+ ..</sup> Tissue examined microscopically

Test Type: 14-DAY
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity

CAS Number: IONICLIQUIDS

Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

B6C3F1 MICE MALE	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	
30.0 mg/ml Emim	ANIMAL ID	0 0 0 3 6	0 0 0 3 7	0 0 0 3 8	0 0 0 3 9	0 0 0 4 0	* TOTALS
Spleen		+	+	+	+	+	5
Thymus		+	+	+	+	+	5
INTEGUMENTARY SY	STEM						
NONE							
MUSCULOSKELETAL	SYSTEM						
NONE							
NERVOUS SYSTEM							
Brain		+	+	+	+	+	5
RESPIRATORY SYSTE	ΕM						
Lung		+	+	+	+	+	5
SPECIAL SENSES SYS	STEM						
NONE						_	
URINARY SYSTEM							
Kidney		+	+	+	+	+	5

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 14-DAY Route: DOSED WATER Species/Strain: MICE/B6C3F1

#### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity **CAS Number: IONICLIQUIDS**  Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

B6C3F1 MICE MALE	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5		
100.0 mg/ml Emim	ANIMAL ID	0 0 0 4 1	0 0 0 4 2	0 0 0 4 3	0 0 0 4 4	0 0 0 4 5	* T(	OTALS
ALIMENTARY SYSTEM	1	•	•		•	•		
Intestine Small, Duodenum		+	+	+	+	+	5	
Intestine Small, Ileum		+	+	+	+	+	5	
Intestine Small, Jejunum		+	+	+	+	+	5	
Liver Depletion Glycogen		+	+ 2	+ 2	+ 2	+ 2	5	5 2.0
Stomach, Forestomach		+	+	+	+	+	5	
Stomach, Glandular		+	+	+	+	+	5	
CARDIOVASCULAR SY	YSTEM							
Heart		+	+	+	+	+	5	
ENDOCRINE SYSTEM								
NONE								
GENERAL BODY SYST	ГЕМ							
NONE								
GENITAL SYSTEM								
Testes Degeneration		+	+	+	+ 2	+	5	5 2.0

<sup>..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

<sup>1-4 ..</sup> Lesion qualified as:

<sup>1)</sup> Minimal 3) Moderate

<sup>2)</sup> Mild 4) Marked

Test Type: 14-DAY Route: DOSED WATER Species/Strain: MICE/B6C3F1

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity **CAS Number: IONICLIQUIDS**  Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

B6C3F1 MICE MALE	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	
100.0 mg/ml Emim	ANIMAL ID	0 0 0 4 1	0 0 0 4 2	0 0 0 4 3	0 0 0 4 4	0 0 0 4 5	* TOTALS
HEMATOPOIETIC SYS	TEM			-			
Spleen Depletion Cellular		+ 2	+ 2	+ 2	+	+ 2	5 5 2
Thymus Atrophy		+ 3	M	+ 4	+	М	3 3 3
INTEGUMENTARY SY	STEM						
NONE							
MUSCULOSKELETAL	SYSTEM						
NONE							
NERVOUS SYSTEM							
Brain		+	+	+	+	+	5
RESPIRATORY SYSTE	M						
Lung		+	+	+	+	+	5
SPECIAL SENSES SYS	STEM						
NONE				-	-		
URINARY SYSTEM							
Kidney		+	+	+	+	+	5

<sup>..</sup> I otal animals with tissue examined microscopically; I otal animals with lesion and mean severity grade

M .. Missing tissue A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 14-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity

CAS Number: IONICLIQUIDS

Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

\*\*\* END OF MALE DATA \*\*\*

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

**Test Type**: 14-DAY **Route**: DOSED WATER

Species/Strain: MICE/B6C3F1

## P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity

CAS Number: IONICLIQUIDS

Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 1 5										
Control Female	ANIMAL ID	0 0 0 7 6	0 0 0 7 7	0 0 0 7 8	0 0 0 7 9	0 0 0 8 0	0 0 0 8 1	0 0 0 8 2	0 0 0 8 3	0 0 0 8 4	0 0 0 8 5	* TOTALS
ALIMENTARY SYSTEM												
Intestine Small, Duodenum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum		+	+	+	+	+	+	+	+	+	+	10
Liver		+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	10
CARDIOVASCULAR SYS	TEM											
Heart		+	+	+	+	+	+	+	+	+	+	10
ENDOCRINE SYSTEM												
NONE					_							
GENERAL BODY SYSTE	М											
NONE												
GENITAL SYSTEM												
Ovary		+	+	+	+	+	+	+	+	+	+	10

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

<sup>+ ..</sup> Tissue examined microscopically

Test Type: 14-DAY
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity

CAS Number: IONICLIQUIDS

Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 1 5											
Control Female	ANIMAL ID	0 0 0 7 6	0 0 0 7 7	0 0 0 7 8	0 0 0 7 9	0 0 0 8 0	0 0 0 8 1	0 0 0 8 2	0 0 0 8 3	0 0 0 8 4	0 0 0 8 5		TALS
Spleen		+	+	+	+	+	+	+	+	+	+	10	
Thymus		+	+	+	+	+	+	+	+	+	+	10	
INTEGUMENTARY SYS	TEM												
NONE													
MUSCULOSKELETAL S	SYSTEM												
NONE													
NERVOUS SYSTEM													
Brain		+	+	+	+	+	+	+	+	+	+	10	
RESPIRATORY SYSTEM	И												
Lung		+	+	+	+	+	+	+	+	+	+	10	
SPECIAL SENSES SYS	TEM												
NONE													
URINARY SYSTEM													
Kidney		+	+	+	+	+	+	+	+	+	+	10	

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) M

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 14-DAY Route: DOSED WATER Species/Strain: MICE/B6C3F1 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity **CAS Number: IONICLIQUIDS**  Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

4) Marked

Lab: MBA

	DAY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	
B6C3F1 MICE FEMALE		5	5	5	5	5	
30.0 mg/ml Emim	ANIMAL ID	0 0 1 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1 1 4	0 0 1 1 5	* TOTALS
ALIMENTARY SYSTEM							
Intestine Small, Duodenum		+	+	+	+	+	5
Intestine Small, Ileum		+	+	+	+	+	5
Intestine Small, Jejunum		+	+	+	+	+	5
Liver		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5
CARDIOVASCULAR SYS	STEM						
Heart		+	+	+	+	+	5
ENDOCRINE SYSTEM							
NONE					_	-	
GENERAL BODY SYSTE	ΞM						
NONE							
GENITAL SYSTEM					_		
Ovary		+	+	+	+	+	5

# \* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as: A .. Autolysis precludes evaluation 1) Minimal 3) Moderate 2) Mild

Test Type: 14-DAY Route: DOSED WATER Species/Strain: MICE/B6C3F1

#### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity **CAS Number: IONICLIQUIDS**  Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	
30.0 mg/ml Emim	ANIMAL ID	0 0 1 1 1	0 0 1 1 2	0 0 1 1 3		0 0 1 1 5	* TOTALS
Spleen		+	+	+	+	+	5
Thymus		+	+	+	+	+	5
INTEGUMENTARY SYS	TEM						
NONE							
MUSCULOSKELETAL S	SYSTEM	•					
NONE							
NERVOUS SYSTEM							
Brain		+	+	+	+	+	5
RESPIRATORY SYSTEM	И						
Lung		+	+	+	+	+	5
SPECIAL SENSES SYS	TEM	_	_				
NONE							
URINARY SYSTEM							
Kidney		+	+	+	+	+	5

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

<sup>1)</sup> Minimal 3) Moderate

<sup>2)</sup> Mild

Test Type: 14-DAY Route: DOSED WATER Species/Strain: MICE/B6C3F1 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity **CAS Number: IONICLIQUIDS**  Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5		
100.0 mg/ml Emim	ANIMAL ID	0 0 1 1 6	0 0 1 1 7	0 0 1 1 8	0 0 1 1 9	0 0 1 2 0	* TOTA	ΔIS
ALIMENTARY SYSTEM		1		<u> </u>	ı			
Intestine Small, Duodenum		+	+	+	+	+	5	
Intestine Small, Ileum		+	+	+	+	+	5	
Intestine Small, Jejunum		+	+	+	+	+	5	
Liver Depletion Glycogen		+ 1	+ 1	+ 1	+ 1	+ 1	5 5	5 1.0
Stomach, Forestomach		+	+	+	+	+	5	
Stomach, Glandular		+	+	+	+	+	5	
CARDIOVASCULAR SY	STEM							
Heart		+	+	+	+	+	5	
ENDOCRINE SYSTEM								
NONE								
GENERAL BODY SYSTI	EM							
NONE				_	_	_		
GENITAL SYSTEM								
Ovary		+	+	+	+	+	5	

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

<sup>1-4 ..</sup> Lesion qualified as:

<sup>1)</sup> Minimal 3) Moderate 2) Mild 4) Marked

Test Type: 14-DAY Route: DOSED WATER Species/Strain: MICE/B6C3F1

#### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity CAS Number: IONICLIQUIDS Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1	0 0 1 5	0 0 1 5	
100.0 mg/ml Emim	ANIMAL ID	0 0 1 1 6	0 0 1 1 7	5 0 0 1 1 8	0 0 1 1 9	0 0 1 2 0	* TOTAL
HEMATOPOIETIC SYST	EM	-			-		
Spleen Depletion Cellular		+	+ 1	+ 1	+ 1	+ 1	5 5
Thymus Atrophy		+	+	+	+	+ 1	5
INTEGUMENTARY SYS	TEM					-	
NONE							
MUSCULOSKELETAL S	SYSTEM						
NONE				-		-	
NERVOUS SYSTEM							
Brain		+	+	+	+	+	5
RESPIRATORY SYSTEM	И						
Lung		+	+	+	+	+	5
SPECIAL SENSES SYS	TEM						
NONE				-	-	-	
URINARY SYSTEM							
Kidney		+	+	+	+	+	5

M .. Missing tissue

A .. Autolysis precludes evaluation

1-4 .. Lesion qualified as: 1) Minimal 3) Moderate

2) Mild

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

Test Type: 14-DAY Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Ionic liquid Toxicity

CAS Number: IONICLIQUIDS

Date Report Requested: 04/28/2020 Time Report Requested: 12:14:12 First Dose M/F: 03/12/09 / 03/13/09

Lab: MBA

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

<sup>\* ..</sup> Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

A .. Autolysis precludes evaluation