

**TDMS No.** 99002 - 04  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)**

O-CHLOROPYRIDINE  
**CAS Number:** 109-09-1  
**Pathologist:** LANNING, L. - Blackshear, P.  
F1\_M3

**Date Report Requested:** 05/11/2006  
**Time Report Requested:** 08:58:41  
**First Dose M/F:** 07/31/03 / 08/01/03  
**Lab:** MBA

**C Number:** C99002B  
**Lock Date:** 12/16/2004  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL

TDMS No. 99002 - 04  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)  
 O-CHLOROPYRIDINE  
 CAS Number: 109-09-1  
 Pathologist: LANNING, L. - Blackshear, P.

Date Report Requested: 05/11/2006  
 Time Report Requested: 08:58:41  
 First Dose M/F: 07/31/03 / 08/01/03  
 Lab: MBA

B6C3F1 MICE MALE	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM
<b>Disposition Summary</b>					
Animals Initially in Study	10	10	10	10	10
Early Deaths					
Survivors					
Terminal Sacrifice	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>					
Liver	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell, Focal	1 (10%)		1 (10%)		1 (10%)
Necrosis, Focal	1 (10%)		2 (20%)		
Centrilobular, Hepatocyte, Hypertrophy				1 (10%)	6 (60%)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)
Cyst					
Cyst Epithelial Inclusion	2 (20%)				
<b>CARDIOVASCULAR SYSTEM</b>					
None					
<b>ENDOCRINE SYSTEM</b>					
Adrenal Cortex	(9)	(0)	(0)	(0)	(0)
Subcapsular, Hyperplasia, Focal					
Parathyroid Gland	(7)	(0)	(0)	(0)	(0)
Cyst	1 (14%)				
<b>GENERAL BODY SYSTEM</b>					
None					
<b>GENITAL SYSTEM</b>					
None					

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 99002 - 04  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)  
 O-CHLOROPYRIDINE  
 CAS Number: 109-09-1  
 Pathologist: LANNING, L. - Blackshear, P.

Date Report Requested: 05/11/2006  
 Time Report Requested: 08:58:41  
 First Dose M/F: 07/31/03 / 08/01/03  
 Lab: MBA

B6C3F1 MICE MALE	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM
<b>HEMATOPOIETIC SYSTEM</b>					
Spleen	(10)	(0)	(0)	(0)	(0)
Hematopoietic Cell Proliferation	10 (100%)				
<b>INTEGUMENTARY SYSTEM</b>					
None					
<b>MUSCULOSKELETAL SYSTEM</b>					
None					
<b>NERVOUS SYSTEM</b>					
None					
<b>RESPIRATORY SYSTEM</b>					
None					
<b>SPECIAL SENSES SYSTEM</b>					
None					
<b>URINARY SYSTEM</b>					
Kidney	(10)	(10)	(10)	(10)	(10)
Mineralization					2 (20%)
Nephropathy					
Interstitial, Infiltration Cellular, Mononuclear Cell			1 (10%)		
Renal Tubule, Casts Protein				1 (10%)	
Renal Tubule, Vacuolization Cytoplasmic	10 (100%)	10 (100%)	10 (100%)	10 (100%)	10 (100%)

TDMS No. 99002 - 04  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)  
O-CHLOROPYRIDINE  
CAS Number: 109-09-1  
Pathologist: LANNING, L. - Blackshear, P.

Date Report Requested: 05/11/2006  
Time Report Requested: 08:58:41  
First Dose M/F: 07/31/03 / 08/01/03  
Lab: MBA

---

B6C3F1 MICE MALE

1000 PPM

---

### Disposition Summary

Animals Initially in Study	10
Early Deaths	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10

---

### ALIMENTARY SYSTEM

Liver	(10)
Infiltration Cellular, Mononuclear Cell, Focal	1 (10%)
Necrosis, Focal	2 (20%)
Centrilobular, Hepatocyte, Hypertrophy	9 (90%)
Stomach, Glandular	(10)
Cyst	1 (10%)
Cyst Epithelial Inclusion	

---

### CARDIOVASCULAR SYSTEM

None

---

### ENDOCRINE SYSTEM

Adrenal Cortex	(10)
Subcapsular, Hyperplasia, Focal	2 (20%)
Parathyroid Gland	(7)
Cyst	

---

### GENERAL BODY SYSTEM

None

---

### GENITAL SYSTEM

None

---

TDMS No. 99002 - 04  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)  
O-CHLOROPYRIDINE  
CAS Number: 109-09-1  
Pathologist: LANNING, L. - Blackshear, P.

Date Report Requested: 05/11/2006  
Time Report Requested: 08:58:41  
First Dose M/F: 07/31/03 / 08/01/03  
Lab: MBA

---

B6C3F1 MICE MALE	1000 PPM
HEMATOPOIETIC SYSTEM	
Spleen	(10)
Hematopoietic Cell Proliferation	10 (100%)
INTEGUMENTARY SYSTEM	
None	
MUSCULOSKELETAL SYSTEM	
None	
NERVOUS SYSTEM	
None	
RESPIRATORY SYSTEM	
None	
SPECIAL SENSES SYSTEM	
None	
URINARY SYSTEM	
Kidney	(10)
Mineralization	
Nephropathy	1 (10%)
Interstitial, Infiltration Cellular, Mononuclear Cell	1 (10%)
Renal Tubule, Casts Protein	
Renal Tubule, Vacuolization Cytoplasmic	10 (100%)

---

**TDMS No.** 99002 - 04  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)**  
O-CHLOROPYRIDINE  
**CAS Number:** 109-09-1  
**Pathologist:** LANNING, L. - Blackshear, P.

**Date Report Requested:** 05/11/2006  
**Time Report Requested:** 08:58:41  
**First Dose M/F:** 07/31/03 / 08/01/03  
**Lab:** MBA

---

**B6C3F1 MICE MALE**

**1000 PPM**

---

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

TDMS No. 99002 - 04  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)  
 O-CHLOROPYRIDINE  
 CAS Number: 109-09-1  
 Pathologist: LANNING, L. - Blackshear, P.

Date Report Requested: 05/11/2006  
 Time Report Requested: 08:58:41  
 First Dose M/F: 07/31/03 / 08/01/03  
 Lab: MBA

B6C3F1 MICE FEMALE	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM
<b>Disposition Summary</b>					
Animals Initially in Study	10	10	10	10	10
Early Deaths					
Natural Death	1				
Survivors					
Terminal Sacrifice	9	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>					
Liver	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell, Focal Necrosis, Focal Centrilobular, Hepatocyte, Hypertrophy		1 (10%)	1 (10%)		1 (10%)  4 (40%)
<b>CARDIOVASCULAR SYSTEM</b>					
None					
<b>ENDOCRINE SYSTEM</b>					
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)
Subcapsular, Hyperplasia, Focal	10 (100%)				
<b>GENERAL BODY SYSTEM</b>					
None					
<b>GENITAL SYSTEM</b>					
Ovary	(10)	(0)	(0)	(0)	(0)
Uterus	(10)	(0)	(0)	(0)	(0)
Endometrium, Hyperplasia, Cystic	4 (40%)				
<b>HEMATOPOIETIC SYSTEM</b>					

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 99002 - 04  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)  
 O-CHLOROPYRIDINE  
 CAS Number: 109-09-1  
 Pathologist: LANNING, L. - Blackshear, P.

Date Report Requested: 05/11/2006  
 Time Report Requested: 08:58:41  
 First Dose M/F: 07/31/03 / 08/01/03  
 Lab: MBA

B6C3F1 MICE FEMALE	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM
Spleen Hematopoietic Cell Proliferation	(9) 9 (100%)	(0)	(0)	(0)	(0)
<b>INTEGUMENTARY SYSTEM</b>					
Skin Dermis, Inflammation	(10) 1 (10%)	(0)	(0)	(0)	(0)
<b>MUSCULOSKELETAL SYSTEM</b>					
None					
<b>NERVOUS SYSTEM</b>					
None					
<b>RESPIRATORY SYSTEM</b>					
Lung Hemorrhage, Focal	(10)	(0)	(0)	(0)	(0)
<b>SPECIAL SENSES SYSTEM</b>					
None					
<b>URINARY SYSTEM</b>					
Kidney Infiltration Cellular, Mononuclear Cell Nephropathy	(10)	(10)	(10) 1 (10%)	(10)	(10)
Interstitialium, Infiltration Cellular, Mononuclear Cell	1 (10%)	2 (20%)			

TDMS No. 99002 - 04  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)  
O-CHLOROPYRIDINE  
CAS Number: 109-09-1  
Pathologist: LANNING, L. - Blackshear, P.

Date Report Requested: 05/11/2006  
Time Report Requested: 08:58:41  
First Dose M/F: 07/31/03 / 08/01/03  
Lab: MBA

---

B6C3F1 MICE FEMALE

1000 PPM

---

### Disposition Summary

Animals Initially in Study	10
Early Deaths	
Natural Death	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10

---

### ALIMENTARY SYSTEM

Liver	(10)
Infiltration Cellular, Mononuclear Cell, Focal Necrosis, Focal	1 (10%)
Centrilobular, Hepatocyte, Hypertrophy	10 (100%)

---

### CARDIOVASCULAR SYSTEM

None

---

### ENDOCRINE SYSTEM

Adrenal Cortex	(10)
Subcapsular, Hyperplasia, Focal	10 (100%)

---

### GENERAL BODY SYSTEM

None

---

### GENITAL SYSTEM

Ovary	(10)
Uterus	(10)
Endometrium, Hyperplasia, Cystic	3 (30%)

---

### HEMATOPOIETIC SYSTEM

a - Number of animals examined microscopically at site and number of animals with lesion

TDMS No. 99002 - 04  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)  
O-CHLOROPYRIDINE  
CAS Number: 109-09-1  
Pathologist: LANNING, L. - Blackshear, P.

Date Report Requested: 05/11/2006  
Time Report Requested: 08:58:41  
First Dose M/F: 07/31/03 / 08/01/03  
Lab: MBA

---

B6C3F1 MICE FEMALE	1000 PPM
Spleen Hematopoietic Cell Proliferation	(10) 10 (100%)
INTEGUMENTARY SYSTEM	
Skin Dermis, Inflammation	(10)
MUSCULOSKELETAL SYSTEM	
None	
NERVOUS SYSTEM	
None	
RESPIRATORY SYSTEM	
Lung Hemorrhage, Focal	(10) 1 (10%)
SPECIAL SENSES SYSTEM	
None	
URINARY SYSTEM	
Kidney Infiltration Cellular, Mononuclear Cell Nephropathy Interstitial, Infiltration Cellular, Mononuclear Cell	(10)

---

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