

**Experiment Number:** 06100 - 01

**Test Type:** 28-DAY

**Route:** GAVAGE

**Species/Strain:** RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHKSlt)

**CAS Number:** 3871-99-6

**Date Report Requested:** 02/06/2018

**Time Report Requested:** 12:34:33

**First Dose M/F:** 02/09/12 / 02/10/12

**Lab:** BAT

PFHKSlt\_Final 1

**NTP Study Number:** C06100  
**Lock Date:** 01/22/2016  
**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

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Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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Perfluorohexane sulfonate potassium salt (PFHSKslt)

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First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

<b>HARLAN SPRAGUE DAWLEY RATS MALE</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
<b>0mg/kg/d M</b>	ANIMAL ID	2	2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	9	
		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	
<b>* TOTALS</b>											

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Heart	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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

+ .. Tissue examined microscopically

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	0	0	0	0	0	0	0	0	0	0			
<b>HARLAN SPRAGUE DAWLEY RATS</b>	2	2	2	2	2	2	2	2	2	2			
<b>MALE</b>	9	9	9	9	9	9	9	9	9	9			
<b>0mg/kg/d M</b>	0	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	1	1			
	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	1			
	1	2	3	4	5	6	7	8	9	0			
											<b>* TOTALS</b>		
Cardiomyopathy	1		1		1						3 1.0		

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Duct, Exfoliated Germ Cell	1										1 1.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10

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First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

<b>HARLAN SPRAGUE DAWLEY RATS MALE 0mg/kg/d M</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	9	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	
											<b>* TOTALS</b>

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thymus	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Skin	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Inflammation, Granulomatous								1			<b>1 1.0</b>

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Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	0	0	0	0	0	0	0	0	0	0			
<b>HARLAN SPRAGUE DAWLEY RATS</b>	2	2	2	2	2	2	2	2	2	2			
<b>MALE</b>	9	9	9	9	9	9	9	9	9	9			
<b>0mg/kg/d M</b>	0	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	1	1			
	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	1			
	1	2	3	4	5	6	7	8	9	0			
												<b>* TOTALS</b>	
Nose	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Respiratory Epithelium, Hyperplasia	2		2		1							<b>3</b>	<b>1.7</b>
Respiratory Epithelium, Inflammation, Chronic Active	3	1	3	2	3							<b>5</b>	<b>2.4</b>
Trachea	+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>SPECIAL SENSES SYSTEM</b>													
Eye	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>URINARY SYSTEM</b>													
Kidney	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Nephropathy, Chronic Progressive	1	1		1	1	1	1	1		1		<b>8</b>	<b>1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+			<b>10</b>

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Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

<b>HARLAN SPRAGUE DAWLEY RATS MALE .625mg/kg/d M</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	9	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	

**\* TOTALS**

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Testes	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>
--------	---	---	---	---	---	---	---	---	---	---	-----------

**INTEGUMENTARY SYSTEM**

NONE

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Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	HARLAN SPRAGUE DAWLEY RATS MALE .625mg/kg/d M	ANIMAL ID	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2			1	1	1	1	1	1	1	1	1	
	9	9	9	9	9	9	9	9	9	9			0	0	0	0	0	0	0	0		
													1	1	1	1	1	1	1	2		
													1	2	3	4	5	6	7	8	9	0
											<b>* TOTALS</b>											

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Nephropathy, Chronic Progressive	1	1	1		1		1	1			<b>6 1.0</b>

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First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

<b>HARLAN SPRAGUE DAWLEY RATS</b> <b>MALE</b> <b>1.25mg/kg/d M</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9		
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1		
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2		
		1	2	3	4	5	6	7	8	9	
<b>* TOTALS</b>											

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Testes	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>
--------	---	---	---	---	---	---	---	---	---	---	-----------

**INTEGUMENTARY SYSTEM**

NONE

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Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 1.25mg/kg/d M	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
		1	2	3	4	5	6	7	8	9	0	0	0	0	0	0	0	0	0
<b>* TOTALS</b>																			

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Respiratory Epithelium, Hyperplasia																			1	1.0
Respiratory Epithelium, Inflammation, Chronic Active																			2	2.0

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10	
Nephropathy, Chronic Progressive	1	1	1		1	1			1	1	1								8	1.0

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Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 2.5mg/kg/d M	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2	2
		9	9	9	9	9	9	9	9	9	9	9	9	9	9
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	4
		1	2	3	4	5	6	7	8	9	0	0	0	0	0
<b>* TOTALS</b>															

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	10
Hepatocyte, Hypertrophy			2	2		2				2	4 2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Atrophy						1					1 1.0

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
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**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Testes	+	+	+	+	+	+	+	+	+	+	10
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**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
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Spleen	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

**INTEGUMENTARY SYSTEM**

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First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 2.5mg/kg/d M	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2	2
		9	9	9	9	9	9	9	9	9	9	9	9	9	9
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	4
		1	2	3	4	5	6	7	8	9	0	0	0	0	0
<b>* TOTALS</b>															

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10		
Respiratory Epithelium, Hyperplasia								2	1	1	1					4	1.3
Respiratory Epithelium, Inflammation, Chronic Active								2	1	2	2	1				5	1.6

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10		
Nephropathy, Chronic Progressive	1	1	1	2						1	1	1				7	1.1

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

+ .. Tissue examined microscopically

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0
<b>HARLAN SPRAGUE DAWLEY RATS MALE</b>		0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2
		9	9	9	9	9	9	9	9	9	9	9	9	9
<b>5mg/kg/d M</b>	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0	0	0	0	0	0
		4	4	4	4	4	4	4	4	4	4	4	5	5
		1	2	3	4	5	6	7	8	9	0			
													<b>* TOTALS</b>	

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Hepatocyte, Hypertrophy	2	2		2	2	2	2	2	2	2	2	2	2	9 2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Atrophy			1											1 1.0

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	10
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**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	---	---	---	----

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	10
-------------	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	---	---	---	----

**INTEGUMENTARY SYSTEM**

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

+ .. Tissue examined microscopically

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

<b>HARLAN SPRAGUE DAWLEY RATS MALE 5mg/kg/d M</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	9	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	0	
		4	4	4	4	4	4	4	4	5	
		1	2	3	4	5	6	7	8	9	
											<b>* TOTALS</b>

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Respiratory Epithelium, Inflammation, Chronic Active	1					1		2	1		<b>4 1.3</b>

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Nephropathy, Chronic Progressive	1	1		1			1		1		<b>5 1.0</b>

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	
<b>HARLAN SPRAGUE DAWLEY RATS</b>	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
<b>MALE</b>	9	9	9	9	9	9	9	9	9	9	
	9	9	9	9	9	9	9	9	9	9	
<b>10mg/kg/d M</b>	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	
<b>* TOTALS</b>											

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Hepatocyte, Hypertrophy	3	4	2	4	4	3	4	3	2	3	<b>10 3.2</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	0	0	0	0	0	0	0	0	0	0			
<b>HARLAN SPRAGUE DAWLEY RATS</b>	2	2	2	2	2	2	2	2	2	2			
<b>MALE</b>	9	9	9	9	9	9	9	9	9	9			
<b>10mg/kg/d M</b>	0	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	1	1			
	0	0	0	0	0	0	0	0	0	0			
	5	5	5	5	5	5	5	5	5	6			
	1	2	3	4	5	6	7	8	9	0			<b>* TOTALS</b>
Heart	+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>ENDOCRINE SYSTEM</b>													
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Parathyroid Gland	+	M	+	+	+	+	M	+	+	+			<b>8</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>GENERAL BODY SYSTEM</b>													
NONE													
<b>GENITAL SYSTEM</b>													
Epididymis	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Preputial Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Prostate	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Testes	+	+	+	+	+	+	+	+	+	+			<b>10</b>

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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2) Mild 4) Marked

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

HARLAN SPRAGUE DAWLEY RATS MALE 10mg/kg/d M	DAY ON TEST	0	0	0	0	0	0	0	0	0	ANIMAL ID	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2		1	1	1	1	1	1	1	1	1
		9	9	9	9	9	9	9	9	9		5	5	5	5	5	5	5	5	6
												1	2	3	4	5	6	7	8	9
											<b>* TOTALS</b>									

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thymus	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Skin	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
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  
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Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID				
	0	0	0	0	0	0	0	0	0	0					
<b>HARLAN SPRAGUE DAWLEY RATS</b>	2	2	2	2	2	2	2	2	2	2					
<b>MALE</b>	9	9	9	9	9	9	9	9	9	9					
<b>10mg/kg/d M</b>	0	0	0	0	0	0	0	0	0	0					
	1	1	1	1	1	1	1	1	1	1					
	0	0	0	0	0	0	0	0	0	0					
	5	5	5	5	5	5	5	5	5	6					
	1	2	3	4	5	6	7	8	9	0					
											<b>* TOTALS</b>				
Respiratory Epithelium, Hyperplasia												2	1	1	1
Respiratory Epithelium, Inflammation, Chronic Active	1		1		1	3	2	4	4	3				4	1.3
Trachea	+	+	+	+	+	+	+	+	+	+				8	2.4
														10	
<b>SPECIAL SENSES SYSTEM</b>															
Eye	+	+	+	+	+	+	+	+	+	+				10	
Harderian Gland	+	+	+	+	+	+	+	+	+	+				10	
<b>URINARY SYSTEM</b>															
Kidney	+	+	+	+	+	+	+	+	+	+				10	
Nephropathy, Chronic Progressive	1				1	1								3	1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+				10	

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

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

<b>HARLAN SPRAGUE DAWLEY RATS FEMALE 0mg/kg/d F</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	9	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	0	
		6	6	6	6	6	6	6	6	7	
		1	2	3	4	5	6	7	8	9	

**\* TOTALS**

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	<b>10</b>
--------------	---	---	---	---	---	---	---	---	---	-----------

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 0mg/kg/d F	DAY ON TEST										* TOTALS
	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	
	ANIMAL ID										
	0 1 0 6 1	0 1 0 6 2	0 1 0 6 3	0 1 0 6 4	0 1 0 6 5	0 1 0 6 6	0 1 0 6 7	0 1 0 6 8	0 1 0 6 9	0 1 0 6 0	
Heart	+	+	+	+	+	+	+	+	+	+	10
<b>ENDOCRINE SYSTEM</b>											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
<b>GENERAL BODY SYSTEM</b>											
NONE											
<b>GENITAL SYSTEM</b>											
Clitoral Gland	+	+	+	+	+	+	+	+	M	+	9
Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
Bilateral, Dilatation				2							1 2.0
<b>HEMATOPOIETIC SYSTEM</b>											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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Route: GAVAGE

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Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 0mg/kg/d F	DAY ON TEST										* TOTALS
	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	
	ANIMAL ID										
	0 1 0 6 1	0 1 0 6 2	0 1 0 6 3	0 1 0 6 4	0 1 0 6 5	0 1 0 6 6	0 1 0 6 7	0 1 0 6 8	0 1 0 6 9	0 1 0 6 0	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone	+	+	+	+	+	+	+	+	+	+	10
<b>NERVOUS SYSTEM</b>											
Brain	+	+	+	+	+	+	+	+	+	+	10
<b>RESPIRATORY SYSTEM</b>											
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

<b>HARLAN SPRAGUE DAWLEY RATS</b> <b>FEMALE</b> <b>0mg/kg/d F</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	9	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	0	
		6	6	6	6	6	6	6	6	7	
		1	2	3	4	5	6	7	8	9	
											<b>* TOTALS</b>

**SPECIAL SENSES SYSTEM**

Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Nephropathy, Chronic Progressive		1				1			1		<b>3 1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 3.12mg/kg/d F	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		1	2	3	4	5	6	7	8	9	0								
<b>* TOTALS</b>																			

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**CARDIOVASCULAR SYSTEM**

NONE																			
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**ENDOCRINE SYSTEM**

NONE																			
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**GENERAL BODY SYSTEM**

NONE																			
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus																			
Bilateral, Dilation																			

**GENITAL SYSTEM**

Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus																			
Bilateral, Dilation																			

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

+ .. Tissue examined microscopically

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

<b>HARLAN SPRAGUE DAWLEY RATS</b> <b>FEMALE</b> <b>3.12mg/kg/d F</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	9	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	0	
		7	7	7	7	7	7	7	7	8	
		1	2	3	4	5	6	7	8	9	
											<b>* TOTALS</b>

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
------	---	---	---	---	---	---	---	---	---	---	-----------

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Nephropathy, Chronic Progressive	1	1		1	1		1				<b>5 1.0</b>

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 6.25mg/kg/d F	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2	2
		9	9	9	9	9	9	9	9	9	9	9	9	9	9
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		8	8	8	8	8	8	8	8	8	8	8	8	8	8
		1	2	3	4	5	6	7	8	8	9	9	9	9	0
<b>* TOTALS</b>															

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
---------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Uterus				+											1
Bilateral, Dilatation				2											1 2.0

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

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

+ .. Tissue examined microscopically

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



Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

<b>HARLAN SPRAGUE DAWLEY RATS FEMALE</b>  <b>6.25mg/kg/d F</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	9	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	0	
		8	8	8	8	8	8	8	8	9	
		1	2	3	4	5	6	7	8	9	
											<b>* TOTALS</b>

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Nose	+	+	+	+	+	+	+	+	+		
Respiratory Epithelium, Inflammation, Chronic Active							1	1		10	2 1.0

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+		
Nephropathy, Chronic Progressive		1	1				1	1	1	10	5 1.0

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

+ .. Tissue examined microscopically

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 12.5mg/kg/d F	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	0	1	
		9	9	9	9	9	9	9	9	9	0	
		1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
---------------	---	---	---	---	---	---	---	---	---	---	-----------

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Ovary	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Uterus		+			+	+					<b>3</b>
Bilateral, Dilation		2			2	2					<b>3 2.0</b>

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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

+ .. Tissue examined microscopically

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

<b>HARLAN SPRAGUE DAWLEY RATS</b> <b>FEMALE</b> <b>12.5mg/kg/d F</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2
		9	9	9	9	9	9	9	9	9	9	9	9	9
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0	0	0	1	0	0
		9	9	9	9	9	9	9	9	9	9	9	0	0
		1	2	3	4	5	6	7	8	9	0			

**\* TOTALS**

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Nose	+	+	+	+	+	+	+	+	+	+	+	10	
Respiratory Epithelium, Inflammation, Chronic Active		1	1										2 1.0

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Nephropathy, Chronic Progressive			1	1	1		1					4 1.0

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

+ .. Tissue examined microscopically

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 25mg/kg/d F	DAY ON TEST	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0		
		2	2	2	2	2	2	2	2	2		
		9	9	9	9	9	9	9	9	9		
	ANIMAL ID	0	0	0	0	0	0	0	0	0		
		1	1	1	1	1	1	1	1	1		
		1	1	1	1	1	1	1	1	1		
		0	0	0	0	0	0	0	0	1		
		1	2	3	4	5	6	7	8	9	0	
<b>* TOTALS</b>												

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
---------------	---	---	---	---	---	---	---	---	---	---	-----------

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Ovary	+	+	+	+	+	+	+	+	+	+	<b>10</b>
-------	---	---	---	---	---	---	---	---	---	---	-----------

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
-------------	---	---	---	---	---	---	---	---	---	---	-----------

Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>
--------	---	---	---	---	---	---	---	---	---	---	-----------

**INTEGUMENTARY SYSTEM**

NONE

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

+ .. Tissue examined microscopically

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

<b>HARLAN SPRAGUE DAWLEY RATS</b> <b>FEMALE</b> <b>25mg/kg/d F</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	<b>* TOTALS</b>
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	9	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	
		0	0	0	0	0	0	0	0	0	

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Respiratory Epithelium, Inflammation, Chronic Active			1	1							<b>2 1.0</b>

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Nephropathy, Chronic Progressive	1			1		1	1		1	1	<b>6 1.0</b>

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 50mg/kg/d F	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9		
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		1	1	1	1	1	1	1	1	1	
		1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	
<b>* TOTALS</b>											

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

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

Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

CAS Number: 3871-99-6

Date Report Requested: 02/06/2018

Time Report Requested: 12:34:33

First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	0	0	0	0	0	0	0	0	0	0			
<b>HARLAN SPRAGUE DAWLEY RATS</b>	2	2	2	2	2	2	2	2	2	2			
<b>FEMALE</b>	9	9	9	9	9	9	9	9	9	9			
<b>50mg/kg/d F</b>	0	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	1	1			
	1	1	1	1	1	1	1	1	1	1			
	1	1	1	1	1	1	1	1	1	2			
	1	2	3	4	5	6	7	8	9	0			<b>* TOTALS</b>
Heart	+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>ENDOCRINE SYSTEM</b>													
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Parathyroid Gland	+	M	+	+	+	M	+	+	+	+			<b>8</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>
<b>GENERAL BODY SYSTEM</b>													
NONE													
<b>GENITAL SYSTEM</b>													
Clitoral Gland	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Ovary	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Uterus	+	+	+	+	+	+	+	+	+	+			<b>10</b>
Bilateral, Dilatation			1										<b>1 1.0</b>
<b>HEMATOPOIETIC SYSTEM</b>													
Bone Marrow	+	+	+	+	+	+	+	+	+	+			<b>10</b>

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First Dose M/F: 02/09/12 / 02/10/12

Lab: BAT

HARLAN SPRAGUE DAWLEY RATS FEMALE 50mg/kg/d F	DAY ON TEST										* TOTALS
	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	0 2 9	
ANIMAL ID	0 1 1 1 1	0 1 1 1 2	0 1 1 1 3	0 1 1 1 4	0 1 1 1 5	0 1 1 1 6	0 1 1 1 7	0 1 1 1 8	0 1 1 1 9	0 1 1 2 0	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
<b>INTEGUMENTARY SYSTEM</b>											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone	+	+	+	+	+	+	+	+	+	+	10
<b>NERVOUS SYSTEM</b>											
Brain	+	+	+	+	+	+	+	+	+	+	10
<b>RESPIRATORY SYSTEM</b>											
Lung	+	+	+	+	+	+	+	+	+	+	10
Infiltration Cellular							1				1 1.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Olfactory Epithelium, Degeneration	1	1		1	1		1	1	1	2	8 1.1
Olfactory Epithelium, Hyperplasia	1	1		1			1		1		5 1.0

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Experiment Number: 06100 - 01

Test Type: 28-DAY

Route: GAVAGE

Species/Strain: RATS/HSD

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

Perfluorohexane sulfonate potassium salt (PFHSKslt)

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Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
<b>HARLAN SPRAGUE DAWLEY RATS</b>	2	2	2	2	2	2	2	2	2	2		
<b>FEMALE</b>	9	9	9	9	9	9	9	9	9	9		
<b>50mg/kg/d F</b>												
ANIMAL ID	0	0	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1	1	1		
	1	1	1	1	1	1	1	1	1	1		
	1	1	1	1	1	1	1	1	1	2		
	1	2	3	4	5	6	7	8	9	0		
	<b>* TOTALS</b>											
Olfactory Epithelium, Inflammation, Suppurative				1				1			1	<b>3 1.0</b>
Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
<b>SPECIAL SENSES SYSTEM</b>												
Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
<b>URINARY SYSTEM</b>												
Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Nephropathy, Chronic Progressive	1				1				1			<b>3 1.0</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>	

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

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