

**Experiment Number:** 10188 - 01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** RATS/HSD

**P22: Cause Of Death Summary**  
Di(2-ethylhexyl) Phthalate  
**CAS Number:** 117-81-7

**Date Report Requested:** 07/11/2019  
**Time Report Requested:** 11:44:18  
**First Dose M/F:** 02/17/11 / 02/18/11  
**Lab:** BAT

Final 1\_HSD Rats

**NTP Study Number:** C10188B  
**Lock Date:** 04/01/2015  
**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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MALE

Cause of Death	0 ppm Male *	300 ppm Male *	1000 ppm Male *	3000 ppm Male *	10000 ppm Male *
Adrenal Medulla - Pheochromocytoma Benign				1	
Brain - Glioma Malignant	2	1			1
Brain - Hemorrhage				(2)	
Brain - Inflammation				(1)	
Brain - Meningioma Malignant		1			
Brain - Necrosis				1	
Epididymis - Carcinoma		(1)			
Esophagus - Inflammation		1			
Heart - Cardiomyopathy	(1)	1 (1)		(1)	2
Heart - Lymphoma Malignant				(1)	
Heart - Schwannoma Malignant	1		1		1
Heart - Thrombus				1	1
Intestine Large, Colon - Inflammation			1		
Intestine Small, Jejunum - Adenocarcinoma	1			(1)	
Islets, Pancreatic - Adenoma			1	1	
Kidney - Inflammation	1				
Kidney - Nephropathy	8	4 (1)	3 (1)	3	(1)
Lung - Inflammation		(1)			
Mammary Gland - Fibroadenoma		1			
Mammary Gland - Inflammation			(1)		
Oral Mucosa - Squamous Cell Carcinoma				1	
Pancreas - Adenoma				1	
Pancreas - Carcinoma		1			1
Pancreas - Lymphoma Malignant				1	
Pituitary Gland - Adenoma		1	1 (1)		1
Prostate - Inflammation	(1)				
Salivary Glands - Lymphoma Malignant	1				
Skin - Fibroma	1	2	1	1	
Skin - Fibrosarcoma		1			
Skin - Lipoma	(1)				
Spleen - Leukemia Mononuclear		1	1	2	
UNCERTAIN	3	2	2	2	1

\* Animal(s) with multiple CODs.

Non-parenthetic values are total Primary Cause of Death

Parenthetic values are total Contributory Cause of Death

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MALE

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Cause of Death

0 ppm Male \*

300 ppm Male \*

1000 ppm Male \*

3000 ppm Male \*

10000 ppm Male \*

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

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FEMALE

Cause of Death	0 ppm Female	300 ppm Female	1000 ppm Female *	3000 ppm Female *	10000 ppm Female *
Brain - Hemorrhage					(1)
Brain - Leukemia Mononuclear					1
Brain - Necrosis			1		
Islets, Pancreatic - Adenoma		1			
Kidney - Carcinoma					1
Liver - Necrosis				1	
Lung - Histiocytic Sarcoma					(1)
Mammary Gland - Adenocarcinoma	5	2	2	1	3
Mammary Gland - Fibroadenoma	5	9	8	5	5
Mammary Gland - Inflammation	1				
Pancreas - Carcinoma					1
Pancreas - Lymphoma Malignant					1
Pituitary Gland - Adenoma	1		2 (1)		
Skin - Sarcoma	1				
Spleen - Leukemia Mononuclear			1	1	
Spleen - Lymphoma Malignant			1		
Stomach, Forestomach - Ulcer	1				
UNCERTAIN			1	1	1
Urinary Bladder - Inflammation				(1)	
Uterus - Adenocarcinoma		1		2	1
Uterus - Dilation				1	
Uterus - Hemorrhage	2	2		1	
Uterus - Histiocytic Sarcoma		1		1	
Uterus - Hyperplasia	1				
Uterus - Inflammation			2		3
Uterus - Sarcoma Stromal				(1)	1
Uterus - Schwannoma Malignant				1	
Uterus - Squamous Cell Carcinoma				1	1
Uterus - Ulcer			1		

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

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