

**Experiment Number:** 10987 - 01  
**Test Type:** Chronic PN  
**Route:** DOSED FEED  
**Species/Strain:** RATS/HSD

**E05: CLINICAL OBSERVATIONS SUMMARY**

Dibutyl Phthalate  
**CAS Number:** 84-74-2

**Date Report Requested:** 08/20/2019  
**Time Report Requested:** 12:03:41  
**First Dose M/F:** 08/30/10 / 08/31/10  
**Lab:** BAT

**NTP Study Number:** C10987  
**Lock Date:** 01/15/2015  
**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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OBSERVATION	SEX: MALE WEEK: 105							
	0 ppm		300 ppm		1000 ppm		3000 ppm	
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL
Abnormal Breathing	0 / 0	0/49	0 / 0	0/50	0 / 0	0/50	0 / 0	0/50
Diarrhea	0 / 0	0/49	0 / 0	1 / 50 DAY 652	0 / 0	1 / 50 DAY 260	0 / 0	0/50
Eye Abnormality	0 / 0	0/49	0 / 0	1 / 50 DAY 596	0 / 0	1 / 50 DAY 596	0 / 0	1 / 50 DAY 708
Head Tilt	0 / 0	0/49	0 / 0	0/50	0 / 0	0/50	0 / 0	2 / 50 DAY 456
Impaired Gait	0 / 0	1 / 49 DAY 624	0 / 0	1 / 50 DAY 232	0 / 0	0/50	0 / 0	1 / 50 DAY 652
Lethargic	0 / 0	0/49	0 / 0	1 / 50 DAY 680	0 / 0	2 / 50 DAY 708	0 / 0	0/50
Mass Appendage	0 / 0	1 / 49 DAY 624	0 / 0	3 / 50 DAY 344	0 / 0	2 / 50 DAY 428	0 / 0	1 / 50 DAY 680
Mass Head	0 / 0	4 / 49 DAY 372	0 / 0	4 / 50 DAY 568	0 / 0	3 / 50 DAY 652	0 / 0	3 / 50 DAY 400

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 30 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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OBSERVATION	10000 ppm	
	CURRENT*	TOTAL+
Abnormal Breathing	0 / 0	1 / 50 DAY 680
Diarrhea	0 / 0	0/50
Eye Abnormality	0 / 0	0/50
Head Tilt	0 / 0	0/50
Impaired Gait	0 / 0	2 / 50 DAY 512
Lethargic	0 / 0	0/50
Mass Appendage	0 / 0	2 / 50 DAY 512
Mass Head	0 / 0	1 / 50 DAY 624

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OBSERVATION	WEEK: 105							
	0 ppm		300 ppm		1000 ppm		3000 ppm	
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL
<b>Mass</b> Torso/Dorsal	0 / 0	5 / 49 DAY 400	0 / 0	2 / 50 DAY 456	0 / 0	0 / 50	0 / 0	3 / 50 DAY 428
<b>Mass</b> Torso/Lateral	0 / 0	4 / 49 DAY 484	0 / 0	5 / 50 DAY 512	0 / 0	3 / 50 DAY 652	0 / 0	7 / 50 DAY 456
<b>Mass</b> Torso/Ventral	0 / 0	10 / 49 DAY 540	0 / 0	7 / 50 DAY 400	0 / 0	6 / 50 DAY 596	0 / 0	9 / 50 DAY 204
<b>Nasal/Eye Discharge</b>	0 / 0	15 / 49 DAY 400	0 / 0	15 / 50 DAY 29	0 / 0	18 / 50 DAY 316	0 / 0	15 / 50 DAY 484
<b>Ruffled Fur</b>	0 / 0	4 / 49 DAY 512	0 / 0	3 / 50 DAY 708	0 / 0	4 / 50 DAY 652	0 / 0	5 / 50 DAY 512
<b>Thin</b>	0 / 0	0 / 49	0 / 0	2 / 50 DAY 596	0 / 0	5 / 50 DAY 596	0 / 0	1 / 50 DAY 484
<b>Ulcer/Abscess</b> Appendage	0 / 0	1 / 49 DAY 372	0 / 0	2 / 50 DAY 372	0 / 0	1 / 50 DAY 568	0 / 0	0 / 50
<b>Ulcer/Abscess</b> Head	0 / 0	2 / 49 DAY 512	0 / 0	0 / 50	0 / 0	2 / 50 DAY 260	0 / 0	0 / 50

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 30 DAYS OF RUN DATE)

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<b>SEX:</b> MALE	<b>WEEK:</b> 105	
	<b>10000 ppm</b>	
<b>OBSERVATION</b>	<b>CURRENT*</b>	<b>TOTAL+</b>
<b>Mass</b> Torso/Dorsal	0 / 0	1 / 50 DAY 680
<b>Mass</b> Torso/Lateral	0 / 0	4 / 50 DAY 484
<b>Mass</b> Torso/Ventral	0 / 0	11 / 50 DAY 316
<b>Nasal/Eye Discharge</b>	0 / 0	11 / 50 DAY 92
<b>Ruffled Fur</b>	0 / 0	0/50
<b>Thin</b>	0 / 0	3 / 50 DAY 57
<b>Ulcer/Abscess</b> Appendage	0 / 0	1 / 50 DAY 680
<b>Ulcer/Abscess</b> Head	0 / 0	0/50

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Lab: BAT

OBSERVATION	WEEK: 105							
	0 ppm		300 ppm		1000 ppm		3000 ppm	
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL
Ulcer/Abscess Torso/Dorsal	0 / 0	0/49	0 / 0	0/50	0 / 0	0/50	0 / 0	0/50
Ulcer/Abscess Torso/Lateral	0 / 0	2 / 49 DAY 596	0 / 0	2 / 50 DAY 484	0 / 0	2 / 50 DAY 680	0 / 0	1 / 50 DAY 624
Ulcer/Abscess Torso/Ventral	0 / 0	1 / 49 DAY 624	0 / 0	1 / 50 DAY 372	0 / 0	0/50	0 / 0	3 / 50 DAY 372

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Lab: BAT

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SEX: MALE

WEEK: 105

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OBSERVATION	10000 ppm	
	CURRENT*	TOTAL+
Ulcer/Abscess Torso/Dorsal	0 / 0	1 / 50 DAY 708
Ulcer/Abscess Torso/Lateral	0 / 0	2 / 50 DAY 680
Ulcer/Abscess Torso/Ventral	0 / 0	4 / 50 DAY 288

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

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	0 ppm		300 ppm		1000 ppm		3000 ppm	
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL
<b>Diarrhea</b>	0 / 0	0/50	0 / 0	1 / 50 DAY 652	0 / 0	0/50	0 / 0	0/50
<b>Impaired Gait</b>	0 / 0	5 / 50 DAY 288	0 / 0	2 / 50 DAY 484	0 / 0	1 / 50 DAY 708	0 / 0	3 / 50 DAY 484
<b>Lethargic</b>	0 / 0	0/50	0 / 0	0/50	0 / 0	1 / 50 DAY 652	0 / 0	0/50
<b>Mass</b> Appendage	0 / 0	0/50	0 / 0	1 / 50 DAY 652	0 / 0	1 / 50 DAY 344	0 / 0	0/50
<b>Mass</b> Head	0 / 0	1 / 50 DAY 708	0 / 0	2 / 50 DAY 428	0 / 0	0/50	0 / 0	2 / 50 DAY 400
<b>Mass</b> Torso/Lateral	0 / 0	10 / 50 DAY 232	0 / 0	11 / 50 DAY 288	0 / 0	10 / 50 DAY 260	0 / 0	6 / 50 DAY 288
<b>Mass</b> Torso/Ventral	0 / 0	32 / 50 DAY 176	0 / 0	32 / 50 DAY 316	0 / 0	25 / 50 DAY 204	0 / 0	33 / 50 DAY 288
<b>Nasal/Eye Discharge</b>	0 / 0	0/50	0 / 0	4 / 50 DAY 176	0 / 0	6 / 50 DAY 120	0 / 0	4 / 50 DAY 344

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Lab: BAT

SEX: FEMALE

WEEK: 105

OBSERVATION	10000 ppm	
	CURRENT*	TOTAL+
Diarrhea	0 / 0	0/50
Impaired Gait	0 / 0	1 / 50 DAY 428
Lethargic	0 / 0	1 / 50 DAY 624
Mass Appendage	0 / 0	1 / 50 DAY 680
Mass Head	0 / 0	0/50
Mass Torso/Lateral	0 / 0	5 / 50 DAY 372
Mass Torso/Ventral	0 / 0	21 / 50 DAY 176
Nasal/Eye Discharge	0 / 0	8 / 50 DAY 120

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SEX: FEMALE		WEEK: 105							
OBSERVATION	0 ppm		300 ppm		1000 ppm		3000 ppm		
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL	
Ruffled Fur	0 / 0	2 / 50 DAY 344	0 / 0	0/50	0 / 0	2 / 50 DAY 428	0 / 0	1 / 50 DAY 540	
Thin	0 / 0	6 / 50 DAY 288	0 / 0	0/50	0 / 0	7 / 50 DAY 344	0 / 0	3 / 50 DAY 652	
Tonic Seizures	0 / 0	0/50	0 / 0	0/50	0 / 0	0/50	0 / 0	0/50	
Ulcer/Abscess Appendage	0 / 0	1 / 50 DAY 596	0 / 0	0/50	0 / 0	1 / 50 DAY 400	0 / 0	0/50	
Ulcer/Abscess Head	0 / 0	0/50	0 / 0	1 / 50 DAY 456	0 / 0	1 / 50 DAY 540	0 / 0	0/50	
Ulcer/Abscess Torso/Dorsal	0 / 0	0/50	0 / 0	0/50	0 / 0	1 / 50 DAY 484	0 / 0	0/50	
Ulcer/Abscess Torso/Lateral	0 / 0	0/50	0 / 0	0/50	0 / 0	2 / 50 DAY 316	0 / 0	0/50	
Ulcer/Abscess Torso/Ventral	0 / 0	1 / 50 DAY 484	0 / 0	0/50	0 / 0	1 / 50 DAY 708	0 / 0	0/50	

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Lab: BAT

SEX: FEMALE

WEEK: 105

OBSERVATION	10000 ppm	
	CURRENT*	TOTAL+
Ruffled Fur	0 / 0	2 / 50 DAY 456
Thin	0 / 0	2 / 50 DAY 456
Tonic Seizures	0 / 0	1 / 50 DAY 260
Ulcer/Abscess Appendage	0 / 0	1 / 50 DAY 596
Ulcer/Abscess Head	0 / 0	0 / 50
Ulcer/Abscess Torso/Dorsal	0 / 0	0 / 50
Ulcer/Abscess Torso/Lateral	0 / 0	1 / 50 DAY 652
Ulcer/Abscess Torso/Ventral	0 / 0	2 / 50 DAY 316

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

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