

Experiment Number: 60311 - 05
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

E05: CLINICAL OBSERVATIONS SUMMARY

Cobalt
CAS Number: 7440-48-4

Date Report Requested: 01/18/2012
Time Report Requested: 14:47:13
First Dose M/F: 05/08/06 / 05/08/06
Lab: BNW

NTP Study Number: C60311
Lock Date: 12/03/2008
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.6.0.0_007
PWG Approval Date: NONE

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 Lab: BNW

SEX: MALE		WEEK: 105							
OBSERVATION	Control		1.25 mg/m3		2.5 mg/m3		5.0 mg/m3		
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL	
Abnormal Breathing	0 / 0	1 / 50 DAY 30	0 / 0	0/50	0 / 0	4 / 50 DAY 618	0 / 0	11 / 50 DAY 478	
Diarrhea	0 / 0	1 / 50 DAY 702	0 / 0	0/50	0 / 0	1 / 50 DAY 702	0 / 0	0/50	
Eye Abnormality	0 / 0	0/50	0 / 0	2 / 50 DAY 646	0 / 0	2 / 50 DAY 58	0 / 0	2 / 50 DAY 58	
Head Tilt	0 / 0	0/50	0 / 0	2 / 50 DAY 562	0 / 0	1 / 50 DAY 618	0 / 0	0/50	
Lethargic	0 / 0	1 / 50 DAY 646	0 / 0	1 / 50 DAY 618	0 / 0	3 / 50 DAY 618	0 / 0	1 / 50 DAY 478	
Mass Appendage	0 / 0	0/50	0 / 0	2 / 50 DAY 562	0 / 0	4 / 50 DAY 618	0 / 0	1 / 50 DAY 646	
Mass Head	0 / 0	4 / 50 DAY 254	0 / 0	5 / 50 DAY 338	0 / 0	0/50	0 / 0	4 / 50 DAY 534	
Mass Torso/Dorsal	0 / 0	4 / 50 DAY 450	0 / 0	4 / 50 DAY 394	0 / 0	4 / 50 DAY 562	0 / 0	2 / 50 DAY 478	

* 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	Control		1.25 mg/m3		2.5 mg/m3		5.0 mg/m3		
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL	
Mass Torso/Lateral	0 / 0	2 / 50 DAY 674	0 / 0	1 / 50 DAY 450	0 / 0	4 / 50 DAY 366	0 / 0	1 / 50 DAY 590	
Mass Torso/Ventral	0 / 0	4 / 50 DAY 562	0 / 0	5 / 50 DAY 450	0 / 0	4 / 50 DAY 450	0 / 0	4 / 50 DAY 450	
Nasal/Eye Discharge	0 / 0	1 / 50 DAY 30	0 / 0	1 / 50 DAY 702	0 / 0	0/50	0 / 0	1 / 50 DAY 58	
Thin	0 / 0	22 / 50 DAY 366	0 / 0	26 / 50 DAY 534	0 / 0	25 / 50 DAY 450	0 / 0	46 / 50 DAY 226	
Ulcer/Abscess Appendage	0 / 0	0/50	0 / 0	0/50	0 / 0	1 / 50 DAY 688	0 / 0	0/50	
Ulcer/Abscess Head	0 / 0	1 / 50 DAY 366	0 / 0	0/50	0 / 0	0/50	0 / 0	0/50	
Ulcer/Abscess Torso/Lateral	0 / 0	0/50	0 / 0	1 / 50 DAY 142	0 / 0	0/50	0 / 0	0/50	
Ulcer/Abscess Torso/Ventral	0 / 0	10 / 50 DAY 198	0 / 0	11 / 50 DAY 310	0 / 0	12 / 50 DAY 282	0 / 0	6 / 50 DAY 310	

END OF MALE DATA

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SEX: FEMALE		WEEK: 105							
OBSERVATION	Control		1.25 mg/m3		2.5 mg/m3		5.0 mg/m3		
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL	
Abnormal Breathing	0 / 0	0/50	0 / 0	0/50	0 / 0	6 / 50 DAY 114	0 / 0	4 / 50 DAY 506	
Clonic Seizures	0 / 0	0/50	0 / 0	1 / 50 DAY 422	0 / 0	1 / 50 DAY 590	0 / 0	0/50	
Eye Abnormality	0 / 0	3 / 50 DAY 30	0 / 0	4 / 50 DAY 254	0 / 0	3 / 50 DAY 310	0 / 0	0/50	
Lethargic	0 / 0	1 / 50 DAY 618	0 / 0	2 / 50 DAY 618	0 / 0	4 / 50 DAY 282	0 / 0	1 / 50 DAY 506	
Mass Appendage	0 / 0	0/50	0 / 0	1 / 50 DAY 394	0 / 0	0/50	0 / 0	0/50	
Mass Head	0 / 0	0/50	0 / 0	1 / 50 DAY 450	0 / 0	1 / 50 DAY 366	0 / 0	0/50	
Mass Torso/Dorsal	0 / 0	0/50	0 / 0	1 / 50 DAY 534	0 / 0	0/50	0 / 0	0/50	
Mass Torso/Lateral	0 / 0	2 / 50 DAY 590	0 / 0	2 / 50 DAY 422	0 / 0	3 / 50 DAY 450	0 / 0	3 / 50 DAY 282	

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OBSERVATION	Control		1.25 mg/m3		2.5 mg/m3		5.0 mg/m3		
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL	
Mass Torso/Ventral	0 / 0	15 / 50 DAY 310	0 / 0	23 / 50 DAY 478	0 / 0	12 / 50 DAY 450	0 / 0	9 / 50 DAY 310	
Nasal/Eye Discharge	0 / 0	4 / 50 DAY 198	0 / 0	6 / 50 DAY 198	0 / 0	4 / 50 DAY 226	0 / 0	2 / 50 DAY 254	
Thin	0 / 0	10 / 50 DAY 506	0 / 0	23 / 50 DAY 394	0 / 0	26 / 50 DAY 114	0 / 0	34 / 50 DAY 450	
Ulcer/Abscess Torso/Dorsal	0 / 0	0/50	0 / 0	0/50	0 / 0	0/50	0 / 0	3 / 50 DAY 282	
Ulcer/Abscess Torso/Lateral	0 / 0	0/50	0 / 0	0/50	0 / 0	0/50	0 / 0	1 / 50 DAY 646	
Ulcer/Abscess Torso/Ventral	0 / 0	1 / 50 DAY 646	0 / 0	2 / 50 DAY 534	0 / 0	1 / 50 DAY 562	0 / 0	0/50	

END OF REPORT

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