

**Experiment Number:** 20727 - 01  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** RATS/HSD

**E05: CLINICAL OBSERVATIONS SUMMARY**

ortho-Phthalaldehyde

**CAS Number:** 643-79-8

**Date Report Requested:** 02/10/2012

**Time Report Requested:** 11:46:08

**First Dose M/F:** 01/19/09 / 01/20/09

**Lab:** BNW

F1\_HSD

**NTP Study Number:** C20727  
**Lock Date:** 08/21/2009  
**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

Experiment Number: 20727 - 01

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/HSD

E05: CLINICAL OBSERVATIONS SUMMARY

ortho-Phthalaldehyde

CAS Number: 643-79-8

Date Report Requested: 02/10/2012

Time Report Requested: 11:46:08

First Dose M/F: 01/19/09 / 01/20/09

Lab: BNW

OBSERVATION	SEX: MALE		WEEK: 14					
	CONTROL		0.44 ppm		0.88 ppm		1.75 ppm	
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL
Abnormal Breathing	0 / 0	0/10	0 / 0	0/10	0 / 0	2 / 10 DAY 16	0 / 0	0/10
Sneezing	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10	0 / 0	1 / 10 DAY 44
Thin	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

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

ROW 2 = DAY OF ONSET

Experiment Number: 20727 - 01

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/HSD

E05: CLINICAL OBSERVATIONS SUMMARY

ortho-Phthalaldehyde

CAS Number: 643-79-8

Date Report Requested: 02/10/2012

Time Report Requested: 11:46:08

First Dose M/F: 01/19/09 / 01/20/09

Lab: BNW

---

OBSERVATION	WEEK: 14			
	3.5 ppm		7.0 ppm	
	CURRENT*	TOTAL+	CURRENT	TOTAL
Abnormal Breathing	0 / 0	4 / 10 DAY 8	0 / 0	1 / 10 DAY 8
Sneezing	0 / 0	2 / 10 DAY 30	0 / 0	0 / 10
Thin	0 / 0	3 / 10 DAY 8	0 / 0	1 / 10 DAY 8

---

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

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
ROW 2 = DAY OF ONSET

Experiment Number: 20727 - 01

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/HSD

E05: CLINICAL OBSERVATIONS SUMMARY

ortho-Phthalaldehyde

CAS Number: 643-79-8

Date Report Requested: 02/10/2012

Time Report Requested: 11:46:08

First Dose M/F: 01/19/09 / 01/20/09

Lab: BNW

OBSERVATION	SEX: FEMALE		WEEK: 14					
	CONTROL		0.44 ppm		0.88 ppm		1.75 ppm	
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL
Abnormal Breathing	0 / 0	0/10	0 / 0	0/10	0 / 0	2 / 10 DAY 15	0 / 0	1 / 10 DAY 8
Alopecia	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10
Sneezing	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10
Thin	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

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

ROW 2 = DAY OF ONSET

Experiment Number: 20727 - 01

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: RATS/HSD

E05: CLINICAL OBSERVATIONS SUMMARY

ortho-Phthalaldehyde

CAS Number: 643-79-8

Date Report Requested: 02/10/2012

Time Report Requested: 11:46:08

First Dose M/F: 01/19/09 / 01/20/09

Lab: BNW

---

OBSERVATION	WEEK: 14			
	3.5 ppm		7.0 ppm	
	CURRENT*	TOTAL+	CURRENT	TOTAL
Abnormal Breathing	0 / 0	2 / 10 DAY 8	0 / 0	2 / 10 DAY 8
Alopecia	0 / 0	1 / 10 DAY 85	0 / 0	0 / 10
Sneezing	0 / 0	5 / 10 DAY 36	0 / 0	0 / 10
Thin	0 / 0	2 / 10 DAY 15	0 / 0	2 / 10 DAY 8

---

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

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
ROW 2 = DAY OF ONSET