

**Study Number:** MOG10866  
**Test Type:** MOG - Range Finding  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Harlan Sprague Dawley

**I05: Clinical Observations Summary**  
**Test Compound:** Isopropylated Phenyl Phosphate  
**CAS Number:** 68937-41-7

**Date Report Requested:** 03/30/2020  
**Time Report Requested:** 08:05:00  
**Lab:** Battelle

**C Number:**

MOG10866

**Study Gender:**

Both

**PWG Approval Date**

See web page for date of PWG Approval

Study Number: MOG10866

Test Type: MOG - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Harlan Sprague Dawley

I05: Clinical Observations Summary

Test Compound: Isopropylated Phenyl Phosphate

CAS Number: 68937-41-7

Date Report Requested: 03/30/2020

Time Report Requested: 08:05:00

Lab: Battelle

F0 Female

Phase	Observation	Treatment Groups (ppm)					
		0	1000	3000	10000	15000	30000
GD	Breathing, rapid	0 / 15	0 / 21	0 / 12	0 / 16	3 / 12 GD 12	1 / 10 GD 12
GD	Coat Ruffled	0 / 15	0 / 21	0 / 12	0 / 16	4 / 12 GD 12	0 / 10
GD	Discharge Nose/Snout; Red	0 / 15	0 / 21	1 / 12 GD 16	5 / 16 GD 10	6 / 12 GD 10	0 / 10
GD	Discolored Nose/Snout; Brown	0 / 15	0 / 21	0 / 12	1 / 16 GD 13	0 / 12	0 / 10
GD	Discolored Nose/Snout; Red	0 / 15	0 / 21	0 / 12	0 / 16	1 / 12 GD 16	0 / 10
GD	Discolored Urogenital; Red	0 / 15	0 / 21	0 / 12	0 / 16	1 / 12 GD 23	0 / 10
GD	Gait Abnormal	0 / 15	0 / 21	0 / 12	0 / 16	3 / 12 GD 13	0 / 10
GD	Hunched	0 / 15	0 / 21	0 / 12	0 / 16	4 / 12 GD 13	0 / 10
GD	Hyperactivity	0 / 15	0 / 21	5 / 12 GD 14	8 / 16 GD 13	12 / 12 GD 12	10 / 10 GD 12
GD	Lethargic	0 / 15	0 / 21	0 / 12	0 / 16	1 / 12 GD 23	0 / 10

Study Number: MOG10866

Test Type: MOG - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Harlan Sprague Dawley

I05: Clinical Observations Summary

Test Compound: Isopropylated Phenyl Phosphate

CAS Number: 68937-41-7

Date Report Requested: 03/30/2020

Time Report Requested: 08:05:00

Lab: Battelle

F0 Female

Phase	Observation	Treatment Groups (ppm)					
		0	1000	3000	10000	15000	30000
GD	Pale	0 / 15	0 / 21	0 / 12	0 / 16	2 / 12 GD 22	0 / 10
GD	Thin	0 / 15	0 / 21	0 / 12	0 / 16	9 / 12 GD 13	10 / 10 GD 11
GD	Tremors Moderate	0 / 15	0 / 21	0 / 12	0 / 16	1 / 12 GD 15	0 / 10
GD	Twitches Mild	0 / 15	0 / 21	1 / 12 GD 17	0 / 16	4 / 12 GD 12	0 / 10
GD	Twitches Moderate	0 / 15	0 / 21	0 / 12	0 / 16	1 / 12 GD 14	0 / 10
LD	Coat Ruffled	0 / 12	0 / 17	0 / 12	2 / 13 LD 4	1 / 8 LD 0	
LD	Coat Soiled Tail; Bilateral	0 / 12	0 / 17	0 / 12	1 / 13 LD 1	0 / 8	
LD	Coat Soiled Thorax; Bilateral	0 / 12	0 / 17	0 / 12	1 / 13 LD 1	0 / 8	
LD	Coat Unkempt	0 / 12	0 / 17	0 / 12	1 / 13 LD 5	0 / 8	
LD	Discharge Eye; Red	0 / 12	1 / 17 LD 13	0 / 12	0 / 13	0 / 8	

Study Number: MOG10866

Test Type: MOG - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Harlan Sprague Dawley

I05: Clinical Observations Summary

Test Compound: Isopropylated Phenyl Phosphate

CAS Number: 68937-41-7

Date Report Requested: 03/30/2020

Time Report Requested: 08:05:00

Lab: Battelle

F0 Female

Phase	Observation	Treatment Groups (ppm)					
		0	1000	3000	10000	15000	30000
LD	Discharge Nose/Snout; Red	1 / 12 LD 13	2 / 17 LD 1	2 / 12 LD 0	6 / 13 LD 1	2 / 8 LD 1	
LD	Discolored Nose/Snout; Red	0 / 12	0 / 17	0 / 12	1 / 13 LD 5	0 / 8	
LD	Hunched	0 / 12	0 / 17	0 / 12	3 / 13 LD 4	7 / 8 LD 0	
LD	Hyperactivity	0 / 12	0 / 17	1 / 12 LD 14	2 / 13 LD 7	0 / 8	
LD	Lethargic	0 / 12	0 / 17	0 / 12	1 / 13 LD 5	1 / 8 LD 0	
LD	Pale	0 / 12	0 / 17	0 / 12	0 / 13	1 / 8 LD 0	
LD	Thin	0 / 12	0 / 17	0 / 12	3 / 13 LD 1	5 / 8 LD 1	
LD	Twitches Mild	0 / 12	0 / 17	1 / 12 LD 7	1 / 13 LD 7	0 / 8	
LD	Wound Tail; Mild	0 / 12	0 / 17	0 / 12	1 / 13 LD 4	0 / 8	
LD	Wound Tail; Moderate	0 / 12	0 / 17	0 / 12	1 / 13 LD 5	0 / 8	

**Study Number:** MOG10866  
**Test Type:** MOG - Range Finding  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Harlan Sprague Dawley

**I05: Clinical Observations Summary**  
**Test Compound:** Isopropylated Phenyl Phosphate  
**CAS Number:** 68937-41-7

**Date Report Requested:** 03/30/2020  
**Time Report Requested:** 08:05:00  
**Lab:** Battelle

---

**F1 Male**

---

Phase	Observation	Treatment Groups (ppp)			
		0	1000	3000	10000
PND	Eye Abnormality Left	1 / 32 PND 49	0 / 60	0 / 17	

---

**Study Number:** MOG10866  
**Test Type:** MOG - Range Finding  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Harlan Sprague Dawley

**I05: Clinical Observations Summary**  
**Test Compound:** Isopropylated Phenyl Phosphate  
**CAS Number:** 68937-41-7

**Date Report Requested:** 03/30/2020  
**Time Report Requested:** 08:05:00  
**Lab:** Battelle

---

**F1 Female**

---

Phase	Observation	Treatment Groups (ppp)			
		0	1000	3000	10000
PND	Missing Tail	0 / 38	1 / 43 PND 42	0 / 23	

---

**Study Number:** MOG10866

**Test Type:** MOG - Range Finding

**Route:** Dosing in Feed

**Species/Strain:** Rat/Harlan Sprague Dawley

**I05: Clinical Observations Summary**

**Test Compound:** Isopropylated Phenyl Phosphate

**CAS Number:** 68937-41-7

**Date Report Requested:** 03/30/2020

**Time Report Requested:** 08:05:00

**Lab:** Battelle

LEGEND

---

Animals exhibiting clinical observations "within normal limits" were recorded as scheduled but are omitted from the table for clarity.

Upper row displays cumulative number of animals with observation / total animals started on study for SD days, total number of pregnant animals for GD days, or total number of littered females for LD days.

Lower row displays day of observation onset

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

Females listed as SD were not pregnant

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