

Study Number: R88007

Test Type: RACB - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

C Number:

Study Gender:

PWG Approval Date

R20: Pup Necropsy (Gross Observations for Unweaned Pups) Summary

Test Compound: Butyl Paraben

CAS Number: 94-26-8

R88007

Both

See web page for date of PWG Approval

Date Report Requested: 11/27/2018

Time Report Requested: 15:47:43

Lab: RTI

Study Number: R88007

R20: Pup Necropsy (Gross Observations for Unweaned Pups) Summary

Date Report Requested: 11/27/2018

Test Type: RACB - Range Finding

Test Compound: Butyl Paraben

Time Report Requested: 15:47:43

Route: Dosing in Feed

CAS Number: 94-26-8

Lab: RTI

Species/Strain: Rat/Sprague-Dawley

F1 Pups (Litter A)

Treatment Groups (ppm)

0 5000 10000 20000 40000

Disposition Summary

Pups	74	108	75	99	87
Litters	6	8	7	7	7
Scheduled Sacrifice					
Scheduled Removal (Terminal)	69 (6)	94 (8)	74 (7)	96 (7)	81 (7)
Early Deaths					
Found Dead	4 (2)	13 (6)	1 (1)	3 (3)	4 (3)
Pup Missing - Presumed Dead	1 (1)	1 (1)			2 (1)

No. pups examined	4	13	1	3	4
No. Litters	2	6	1	3	3
Normal	0	0	0	0	0

ALIMENTARY SYSTEM

Abdomen					
Liver, all lobes, Mottled	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (25.0)
	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (33.3)
Stomach, Hemorrhagic	1 (25.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
	1 (50.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Stomach, Milk/food absent	4 (100.0)	10 (76.9)	1 (100.0)	3 (100.0)	3 (75.0)
	2 (100.0)	5 (83.3)	1 (100.0)	3 (100.0)	2 (66.7)
Neck					
Salivary Gland, bilateral, Enlarged	0 (0.0)	1 (7.7)	0 (0.0)	0 (0.0)	0 (0.0)
	0 (0.0)	1 (16.7)	0 (0.0)	0 (0.0)	0 (0.0)

Study Number: R88007

Test Type: RACB - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

R20: Pup Necropsy (Gross Observations for Unweaned Pups) Summary

Test Compound: Butyl Paraben

CAS Number: 94-26-8

Date Report Requested: 11/27/2018

Time Report Requested: 15:47:43

Lab: RTI

F1 Pups (Litter A)

Treatment Groups (ppm)

	0	5000	10000	20000	40000
Salivary Gland, bilateral, Reddened	0 (0.0)	1 (7.7)	0 (0.0)	0 (0.0)	0 (0.0)
	0 (0.0)	1 (16.7)	0 (0.0)	0 (0.0)	0 (0.0)
CARDIOVASCULAR SYSTEM					
Heart					
Heart, Abnormal	0 (0.0)	2 (15.4)	0 (0.0)	0 (0.0)	0 (0.0)
	0 (0.0)	1 (16.7)	0 (0.0)	0 (0.0)	0 (0.0)
Thorax (excluding heart)					
Ductus arteriosus, Closed	0 (0.0)	4 (30.8)	0 (0.0)	0 (0.0)	0 (0.0)
	0 (0.0)	2 (33.3)	0 (0.0)	0 (0.0)	0 (0.0)
Ductus arteriosus, Patent	3 (75.0)	7 (53.8)	1 (100.0)	2 (66.7)	3 (75.0)
	2 (100.0)	4 (66.7)	1 (100.0)	2 (66.7)	2 (66.7)
ENDOCRINE SYSTEM					
No findings					
GENERAL BODY SYSTEM					
General					
Abdomen, Autolyzed, unable to evaluate	0 (0.0)	1 (7.7)	0 (0.0)	0 (0.0)	0 (0.0)
	0 (0.0)	1 (16.7)	0 (0.0)	0 (0.0)	0 (0.0)
General, Anasarca	1 (25.0)	2 (15.4)	0 (0.0)	0 (0.0)	0 (0.0)
	1 (50.0)	1 (16.7)	0 (0.0)	0 (0.0)	0 (0.0)
GENITAL SYSTEM					
No findings					
HEMATOPOIETIC SYSTEM					
No findings					
INTEGUMENTARY SYSTEM					
No findings					

Study Number: R88007

Test Type: RACB - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

R20: Pup Necropsy (Gross Observations for Unweaned Pups) Summary

Test Compound: Butyl Paraben

CAS Number: 94-26-8

Date Report Requested: 11/27/2018

Time Report Requested: 15:47:43

Lab: RTI

F1 Pups (Litter A)

Treatment Groups (ppm)

	0	5000	10000	20000	40000
LYMPHOID SYSTEM					
No findings					
MUSCULOSKELETAL SYSTEM					
No findings					
NERVOUS SYSTEM					
No findings					
RESPIRATORY SYSTEM					
Thorax (excluding heart)					
Lung, all lobes, Air present	0 (0.0)	3 (23.1)	0 (0.0)	0 (0.0)	0 (0.0)
	0 (0.0)	2 (33.3)	0 (0.0)	0 (0.0)	0 (0.0)
Lung, all lobes, No air present	3 (75.0)	7 (53.8)	1 (100.0)	2 (66.7)	3 (75.0)
	2 (100.0)	4 (66.7)	1 (100.0)	2 (66.7)	2 (66.7)
SPECIAL SENSES SYSTEM					
No findings					
URINARY SYSTEM					
Pelvis					
Ureter, bilateral, Distended	0 (0.0)	4 (30.8)	0 (0.0)	0 (0.0)	0 (0.0)
	0 (0.0)	1 (16.7)	0 (0.0)	0 (0.0)	0 (0.0)
Ureter, bilateral, Hydroureter	0 (0.0)	1 (7.7)	0 (0.0)	0 (0.0)	0 (0.0)
	0 (0.0)	1 (16.7)	0 (0.0)	0 (0.0)	0 (0.0)
Ureter, left, Distended	1 (25.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
	1 (50.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)

Study Number: R88007

Test Type: RACB - Range Finding

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

R20: Pup Necropsy (Gross Observations for Unweaned Pups) Summary

Test Compound: Butyl Paraben

CAS Number: 94-26-8

Date Report Requested: 11/27/2018

Time Report Requested: 15:47:43

Lab: RTI

LEGEND

Disposition Summary is Number of pups (litters represented)

Upper row denotes number of affected pups (%) and lower row the number of affected litters (%)

In multiple breeding/littering studies Litter A is the default designation for the first litter; subsequent litters would be B, C etc.

**** END OF REPORT ****