

**Study Number:** C05049-04  
**Test Type:** TOX  
**Route:** Dosing in Water  
**Species/Strain:** Mouse/B6C3F1/N

**PA06: Organ Weights Summary**  
**Test Compound:** N-Butylpyridinium Chloride  
**CAS Number:** 1124-64-7

**Date Report Requested:** 05/12/2020  
**Time Report Requested:** 12:57:49  
**Lab:** NTP

**Study Number:**

C05049-04

**Study Gender:**

Both

**PWG Approval Date**

See web page for date of PWG Approval

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		Males															
		Treatment Groups (mg/ml)															
		0		1		3		6									
Terminal Body Wt. (g)		26.3	± 0.5	(10)	**	26.0	± 0.7	(5)	25.5	± 0.4	(5)	23.4	± 0.4	(5)	**		
Heart																	
	Absolute (g)	0.13	± 0.00	(10)		0.13	± 0.00	(5)	0.14	± 0.00	(5)	0.13	± 0.00	(5)			
	Relative (mg/g)	5.03	± 0.09	(10)	**	4.85	± 0.09	(5)	5.42	± 0.18	(5)	5.63	± 0.08	(5)	**		
R. Kidney																	
	Absolute (g)	0.23	± 0.00	(10)		0.23	± 0.01	(5)	0.23	± 0.01	(5)	0.24	± 0.01	(5)			
	Relative (mg/g)	8.81	± 0.10	(10)	**	8.84	± 0.38	(5)	9.17	± 0.36	(5)	10.15	± 0.14	(5)	**		
Liver																	
	Absolute (g)	0.15	± 0.01	(10)	**	0.14	± 0.00	(5)	*	0.13	± 0.01	(5)	*	0.12	± 0.00	(5)	**
	Relative (mg/g)	5.85	± 0.12	(10)	**	5.31	± 0.07	(5)	**	5.25	± 0.13	(5)	**	5.29	± 0.14	(5)	**
Lung																	
	Absolute (g)	0.20	± 0.01	(10)		0.19	± 0.01	(5)		0.20	± 0.01	(5)		0.20	± 0.02	(5)	
	Relative (mg/g)	7.59	± 0.21	(10)		7.15	± 0.23	(5)		7.86	± 0.55	(5)		8.45	± 0.61	(5)	
R. Testis																	
	Absolute (g)	0.093	± 0.003	(10)		0.102	± 0.003	(5)		0.099	± 0.001	(5)		0.095	± 0.004	(5)	
	Relative (mg/g)	3.56	± 0.11	(10)	**	3.93	± 0.08	(5)		3.88	± 0.07	(5)		4.05	± 0.19	(5)	*
Thymus																	
	Absolute (g)	0.047	± 0.003	(10)		0.051	± 0.003	(5)		0.045	± 0.003	(5)		0.040	± 0.005	(5)	
	Relative (mg/g)	1.76	± 0.08	(10)		1.99	± 0.14	(5)		1.76	± 0.14	(5)		1.70	± 0.17	(5)	

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Females												
Treatment Groups (mg/ml)												
	0			1			3			6		
Terminal Body Wt. (g)	20.5	± 0.3	(10) **	18.1	± 0.7	(5) *	19.6	± 0.4	(5) *	18.3	± 0.5	(5) **
Heart												
Absolute (g)	0.10	± 0.00	(10)	0.10	± 0.00	(5)	0.11	± 0.00	(5)	0.11	± 0.00	(5)
Relative (mg/g)	5.04	± 0.12	(10) **	5.30	± 0.13	(5)	5.51	± 0.14	(5) *	5.82	± 0.21	(5) **
R. Kidney												
Absolute (g)	0.14	± 0.00	(10)	0.14	± 0.01	(5)	0.16	± 0.01	(5)	0.15	± 0.01	(5)
Relative (mg/g)	6.94	± 0.16	(10) **	7.96	± 0.43	(5) **	7.95	± 0.15	(5) **	8.10	± 0.23	(5) **
Liver												
Absolute (g)	0.10	± 0.00	(10)	0.09	± 0.00	(5)	0.10	± 0.00	(5)	0.09	± 0.00	(5)
Relative (mg/g)	4.98	± 0.15	(10)	4.85	± 0.21	(5)	4.89	± 0.16	(5)	4.93	± 0.08	(5)
Lung												
Absolute (g)	0.17	± 0.01	(10)	0.16	± 0.01	(5)	0.17	± 0.01	(5)	0.17	± 0.01	(5)
Relative (mg/g)	8.45	± 0.34	(10)	8.63	± 0.40	(5)	8.48	± 0.42	(5)	9.28	± 0.52	(5)
Thymus												
Absolute (g)	0.067	± 0.003	(10)	0.063	± 0.009	(5)	0.066	± 0.003	(5)	0.059	± 0.005	(5)
Relative (mg/g)	3.29	± 0.17	(10)	3.48	± 0.51	(5)	3.38	± 0.10	(5)	3.24	± 0.19	(5)

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## LEGEND

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Values are displayed as mean  $\pm$  SEM (N).

Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight

Statistical analysis performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

\* Statistically significant at  $P \leq 0.05$

\*\* Statistically significant at  $P \leq 0.01$

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