

**Study Number:** C05052-02  
**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:** 05/05/2020  
**Time Report Requested:** 09:09:39  
**Lab:** NTP

**Study Number:** C05052-02  
**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)		38.0	± 1.3 (10) **	37.1	± 1.1 (10)	35.6	± 1.5 (10)	27.3	± 0.6 (10) **
Heart									
	Absolute (g)	0.20	± 0.01 (10)	0.19	± 0.01 (10)	0.22	± 0.01 (10)	0.19	± 0.01 (10)
	Relative (mg/g)	5.35	± 0.25 (10) **	5.08	± 0.26 (10)	6.16	± 0.29 (10)	6.93	± 0.29 (10) **
R. Kidney									
	Absolute (g)	0.31	± 0.01 (10) *	0.32	± 0.01 (10)	0.32	± 0.01 (10)	0.27	± 0.01 (10) *
	Relative (mg/g)	8.16	± 0.21 (10) **	8.57	± 0.16 (10)	8.91	± 0.20 (10) **	9.89	± 0.15 (10) **
Liver									
	Absolute (g)	1.73	± 0.06 (10) **	1.66	± 0.05 (10)	1.70	± 0.08 (10)	1.40	± 0.03 (10) **
	Relative (mg/g)	45.65	± 0.67 (10) **	44.88	± 0.44 (10)	47.74	± 0.64 (10) *	51.22	± 0.73 (10) **
Lung									
	Absolute (g)	0.29	± 0.02 (10)	0.26	± 0.01 (10)	0.30	± 0.02 (10)	0.23	± 0.01 (10) *
	Relative (mg/g)	7.66	± 0.49 (10)	7.00	± 0.30 (10)	8.59	± 0.46 (10)	8.38	± 0.27 (10)
R. Testis									
	Absolute (g)	0.112	± 0.003 (10)	0.112	± 0.002 (10)	0.107	± 0.003 (10)	0.106	± 0.003 (10)
	Relative (mg/g)	2.95	± 0.09 (10) **	3.04	± 0.08 (10)	3.04	± 0.13 (10)	3.90	± 0.07 (10) **
Thymus									
	Absolute (g)	0.048	± 0.004 (10) **	0.041	± 0.002 (10)	0.043	± 0.002 (10)	0.035	± 0.002 (10) **
	Relative (mg/g)	1.25	± 0.08 (10)	1.11	± 0.07 (10)	1.20	± 0.05 (10)	1.28	± 0.05 (10)

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Females												
Treatment Groups (mg/mL)												
	0			1			3			6		
Terminal Body Wt. (g)	27.5	± 1.0	(10) **	26.2	± 0.6	(10)	25.1	± 0.2	(10) *	22.8	± 0.5	(10) **
Heart												
Absolute (g)	0.16	± 0.01	(10)	0.15	± 0.01	(10)	0.17	± 0.01	(10)	0.17	± 0.01	(10)
Relative (mg/g)	5.72	± 0.29	(10) **	5.89	± 0.29	(10)	6.61	± 0.29	(10) *	7.22	± 0.31	(10) **
R. Kidney												
Absolute (g)	0.17	± 0.00	(10)	0.17	± 0.00	(10)	0.18	± 0.00	(10)	0.18	± 0.00	(10)
Relative (mg/g)	6.35	± 0.19	(10) **	6.43	± 0.20	(10)	7.09	± 0.18	(10) **	7.68	± 0.12	(10) **
Liver												
Absolute (g)	1.21	± 0.04	(10)	1.16	± 0.03	(10)	1.18	± 0.03	(10)	1.14	± 0.04	(10)
Relative (mg/g)	44.11	± 1.26	(10) **	44.31	± 1.01	(10)	46.90	± 0.81	(10)	49.99	± 0.89	(10) **
Lung												
Absolute (g)	0.33	± 0.01	(10) **	0.31	± 0.01	(10)	0.30	± 0.02	(10)	0.29	± 0.02	(10) *
Relative (mg/g)	12.17	± 0.44	(10)	12.02	± 0.36	(10)	11.87	± 0.63	(10)	12.78	± 0.62	(10)
Thymus												
Absolute (g)	0.045	± 0.003	(10)	0.044	± 0.003	(10)	0.042	± 0.001	(10)	0.040	± 0.002	(10)
Relative (mg/g)	1.63	± 0.09	(10)	1.65	± 0.08	(10)	1.66	± 0.04	(10)	1.77	± 0.08	(10)

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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 \*\***