

ERRATUM

Sweetener preference of C57BL/6ByJ and 129P3/J mice

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Regrettably, this article included an error in the Table 1, which presents ranges of preferred sucralose concentrations in g/l (0.1–10 for B6 mice and 1–10 for 129 mice) instead of mg/l. The correct values should have been presented as 100 – 10000 mg/l for B6 and 1000 – 10000 mg/l for 129 mice. The correct table is printed below.

Table 1 Sweetener concentrations tested, preferred and avoided by B6 and 129 mice

Solution	Units	Range tested	Preferred ^a		Avoided ^b	
			B6	129	B6	129
Sucrose	mM	29 – 935	58 – 935	234 – 935	–	–
	%	1 – 32	2 – 32	8 – 32	–	–
Maltose	mM	0.08 – 833	28 – 833	83 – 833	–	–
	%	0.003 – 30	1 – 30	3 – 30	–	–
Sorbitol	mM	1.7 – 1647	16.5 – 549	55 – 549	1647	1098 – 1647
	%	0.03 – 30	0.3 – 10	1 – 10	30	20 – 30
Erythritol	mM	2.5 – 2457	246 – 491	–	1638 – 2457	819 – 2457
	%	0.03 – 30	3 – 6	–	20 – 30	10 – 30
Saccharin	mM	0.43 – 255	0.43 – 85	4.3 – 85	255	170 – 255
	g/l	0.1 – 62	0.1 – 20.5	1 – 20.5	62	41 – 62
Acesulfame K	mM	0.01 – 100	0.3 ^c – 100	10 – 100	–	–
	g/l	0.002 – 20	0.06 ^c – 20	2 – 20	–	–
Sucralose	mM	0.0008 – 25	0.25 – 25	2.5 – 25	–	–
	mg/l	0.3 – 10000	100 – 10000	1000 – 10000	–	–
SC-45647	mM	0.0003 – 0.9	0.009 – 0.9	0.09 – 0.9	–	–
	mg/l	0.1 – 300	3 – 300	30 – 300	–	–
D-phenylalanine	mM	3 – 100	10 – 100	–	–	–
	g/l	0.5 – 16.5	1.7 – 17	–	–	–
D-tryptophan	mM	0.3 – 50	3 – 50	–	–	–
	g/l	0.06 – 10.2	0.6 – 10	–	–	–
L-proline	mM	1 – 1000	100 – 1000	100	–	1000
	g/l	0.12 – 115	11.5 – 115	11.5	–	115
Glycine	mM	0.1 – 1000	0.1 – 1000	100 – 300	–	–
	g/l	0.008 – 75	0.008 – 75	7.5 – 22.5	–	–
Glycyrrhizic acid	mM	0.0011 – 3.4	–	–	–	–
	mg/l	1 – 3000	–	–	–	–

Table 1 Continued

Solution	Units	Range tested	Preferred ^a		Avoided ^b	
			B6	129	B6	129
Neohesperidin	mM	0.00016 – 0.16	–	–	–	–
	mg/l	0.1 – 100	–	–	–	–
Thaumatococcus	mM	0.0000013 – 0.0045	–	–	–	–
	mg/l	0.03 – 100	–	–	–	–
Cyclamate	mM	0.15 – 151	–	0.5	151	–
	g/l	0.03 – 30	–	0.1	30	–
Aspartame	mM	0.03 – 10	–	–	–	–
	mg/l	8.8 – 2943	–	–	–	–

^aConsumed in significantly greater amounts than water. The lowest concentration in the range represents preference threshold.

^bConsumed in significantly smaller amounts than water. The lowest concentration in the range represents avoidance threshold.

^cSee explanation in Results.

'–' No significant preference/avoidance; solution intake did not differ significantly from water intake.