

- 1 **S8 Table. Changes in mean pH of food offered during the *in vitro* assessment.** Five
- 2 replicates per treatment have been measured daily throughout 5 days at incubator (34.5 °C
- 3 and 95% RH). GLMM followed by Tukey test to compare a pair of GLY concentrations.
- 4 Treatments with different letters have significantly different means.

Incubation time (hs)	pH	GLY concentration (mg L ⁻⁵)			
		0.0	1.25	2.5	5.0
0	mean	4.94	4.86	4.84	4.64
	SD	0.05	0.05	0.05	0.05
24	mean	4.86	4.82	4.76	4.64
	SD	0.05	0.08	0.05	0.05
48	mean	4.98	4.90	4.74	4.56
	SD	0.13	0.07	0.13	0.19
72	mean	4.92	4.82	4.80	4.70
	SD	0.28	0.16	0.16	0.12
96	mean	4.96	4.82	4.68	4.58
	SD	0.19	0.11	0.15	0.08
120	mean	4.72	4.88	4.84	4.72
	SD	0.16	0.08	0.05	0.15
mean per treatment		4.90^a	4.85^{ab}	4.78^b	4.64^c
SD per treatment		0.18	0.10	0.12	0.12