

**Supplementary material**

**Table S1.** Statistical analysis (mean±standard deviation) for the pH and titratable acidity of formulations during the fermentation process.

Time (h)	T1		T2		T3	
	Lactic acid (g 100 g <sup>-1</sup> )	pH	Lactic acid (g 100 g <sup>-1</sup> )	pH	Lactic acid (g 100 g <sup>-1</sup> )	pH
0	0.2 ± 0.0 <sup>Aa</sup>	6.3 ± 0.1 <sup>Agh</sup>	0.2 ± 0.0 <sup>Ba</sup>	6.3 ± 0.0 <sup>Ai</sup>	0.3 ± 0.0 <sup>Ba</sup>	6.3 ± 0.0 <sup>Ah</sup>
1	0.3 ± 0.1 <sup>Abc</sup>	6.2 ± 0.0 <sup>Ah</sup>	0.3 ± 0.0 <sup>Ab</sup>	6.2 ± 0.1 <sup>Ah</sup>	0.3 ± 0.0 <sup>Ab</sup>	6.3 ± 0.0 <sup>Bg</sup>
2	0.3 ± 0.1 <sup>Ac</sup>	6.2 ± 0.0 <sup>Bg</sup>	0.3 ± 0.0 <sup>Ab</sup>	6.1 ± 0.1 <sup>ABg</sup>	0.3 ± 0.0 <sup>Ac</sup>	6.1 ± 0.0 <sup>Af</sup>
3	0.4 ± 0.1 <sup>AcD</sup>	6.2 ± 0.0 <sup>Bf</sup>	0.3 ± 0.0 <sup>Ac</sup>	6.1 ± 0.1 <sup>ABf</sup>	0.3 ± 0.0 <sup>Ad</sup>	6.0 ± 0.1 <sup>Af</sup>
4	0.4 ± 0.1 <sup>Ab</sup>	6.1 ± 0.1 <sup>Be</sup>	0.3 ± 0.1 <sup>Ad</sup>	5.9 ± 0.2 <sup>ABe</sup>	0.4 ± 0.0 <sup>Ae</sup>	6.0 ± 0.0 <sup>Ae</sup>
5	0.4 ± 0.1 <sup>Ab</sup>	5.8 ± 0.2 <sup>Ad</sup>	0.3 ± 0.1 <sup>Ae</sup>	5.7 ± 0.3 <sup>Ad</sup>	0.4 ± 0.0 <sup>Af</sup>	5.8 ± 0.0 <sup>Ad</sup>
6	0.5 ± 0.1 <sup>Abd</sup>	5.3 ± 0.6 <sup>Ac</sup>	0.4 ± 0.1 <sup>Ae</sup>	5.3 ± 0.6 <sup>Ac</sup>	0.5 ± 0.0 <sup>Ag</sup>	5.0 ± 0.0 <sup>Ac</sup>

T1 = dairy beverage control, without lactobacilli adjunct; T2 = dairy beverage with *L. rhamnosus* LR32; T3 = dairy beverage with *L. casei* BGP93. <sup>A, B</sup> = In a row, different superscript uppercase letters denote significant differences between trials for the same fermentation time (p < 0.05). <sup>a, b, c, d, e, f, g</sup> = In a column, different superscript lowercase letters denote significant differences between the fermentation time for the same trial in a same parameter (p < 0.05).