

Supplementary Material

Table S1. Viability of capsules loaded with *Lactobacillus gasseri*.

Method	log CFU/mL (N ₀)	log CFU/mL (N)	Viability (%)
ALG UT	7.420 ± 0.059 ^a	4.877 ± 0.211 ^b	65.73
ALG AM	7.372 ± 0.080 ^a	4.858 ± 0.199 ^b	65.90

ALG AM = Alginate with pretreatment magnetic stirring; ALG UT = Alginate with pretreatment Ultraturrax®, N₀ = initial concentration and N = final concentration. Means ± SD ($p < 0.05$). Equal letters between columns means that there is no statistically significant difference.

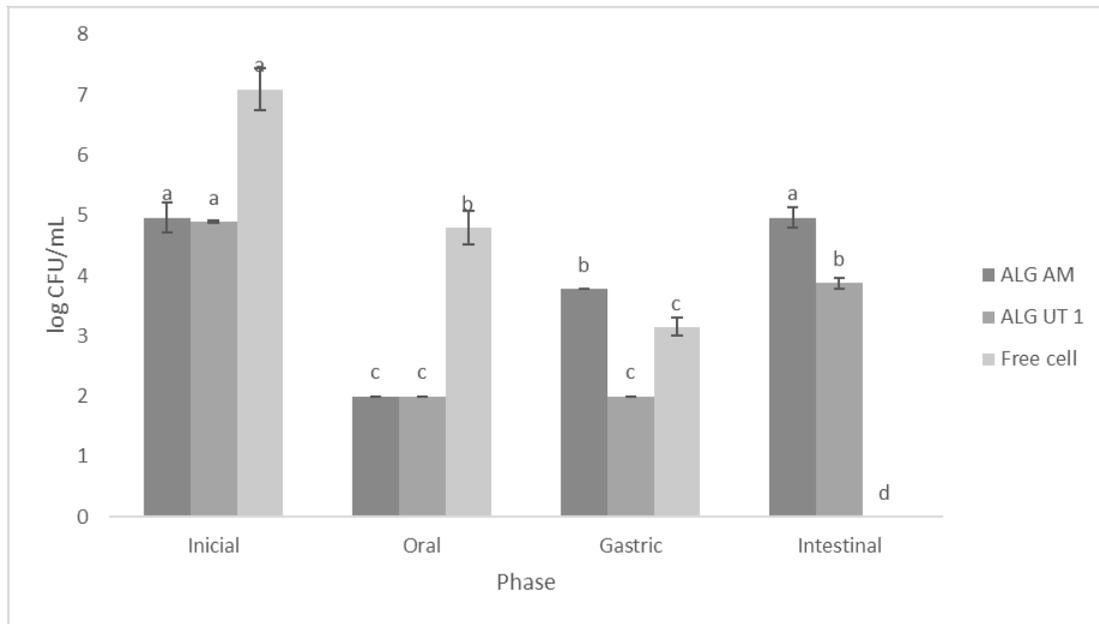


Figure S1. Survival of *Lactobacillus gasseri* at in vitro gastrointestinal conditions of the ALG AM, ALG UT, and cell-free systems ($n = 2$). LG AM = Alginate with pretreatment magnetic stirring; ALG UT = Alginate with pretreatment Ultraturrax®. Means ± SD ($p < 0.05$). Equal letters means that there is no statistically significant difference.