

Table S1. Cardinal parameters of *Salmonella* and *Listeria monocytogenes* used to estimate the growth/no growth boundary through the gamma concept in the present study.

Cardinal parameters			
		<i>Salmonella</i> ^a	<i>L. monocytogenes</i> ^a
Temperature	T_{min}	5.06 °C	-1.11 °C
	T_{opt}	39.30 °C	38.00 °C
	T_{max}	46.48 °C	42.90 °C
pH	pH_{min}	3.58	4.28
	pH_{opt}	7.00	7.06
	pH_{max}	$2 \cdot pH_{opt} - pH_{min}$	$2 \cdot pH_{opt} - pH_{min}$
a_w	$a_{w_{min}}$	0.951	0.923
	$a_{w_{opt}}$	0.997	0.996
	$a_{w_{max}}$	1.00	0.997
Lactic acid	$MIC_{lactic\ acid}$	6.13 mM	4.97 mM
	α^b	2	1

^a Values of growth parameters for both pathogens obtained from Sym'Previus (<https://symprevius.eu/fr/>)

^b α values obtained from Couvert et al. [28].