Table 6 Intracellular ATP changes in *Listeria monocytogenes* and *Salmonella typhimurium* cell suspensions in response to a high hydrostatic pressure treatment. Late log phase cell suspensions of *L. monocytogenes* strain Scott A or *Salm. typhimurium* strain Mutton ATCC 13 311 (approximately 10^9 cfu ml^{-1}) were diluted (1 : 5) in phosphate (pH 7·0) or citrate (pH 5·6) buffer (50 mmol l^{-1}), and pressure-treated for 10 min at 20 °C. Reference suspensions were not pressure-treated

Bacteria	Suspension buffer	Pressure treatment (MPa)	ATP concentration (μg ml^{-1})
Listeria monocytogenes	Sodium citrate	Reference	1·15 ± 0·15
		275	1·02 ± 0·21
		325	0·15 ± 0·03
		400	0·11 ± 0·02
	Phosphate	Reference	0·78 ± 0·14
		350	0·67 ± 0·10
		425	0·07 ± 0·34
		600	0·06 ± 0·03
Salmonella typhimurium	Sodium citrate	Reference	2·00 ± 0·31
		200	1·86 ± 0·15
		275	1·31 ± 0·23
		350	0·90 ± 0·08
	Phosphate	Reference	3·34 ± 0·42
		250	1·12 ± 0·20
		325	0·36 ± 0·08
		400	0·24 ± 0·02

Three experiments were performed, and triplicate measurements in each experiments were obtained for *L. monocytogenes* and *Salm. typhimurium*. The values are means ± standard deviations.