Table 3. Ratios of internal ion concentrations, made from the means of single cells (Table 1) versus outside concentration.

Station or culture		Salt (‰)	$[Na^+]_{i/o}$	$[K^+]_{i/o}$	$[Mg^{2+}]_{i/o}$	$[Cl^-]_{i/o}$
Knebel vig, 1992		28	0.12±0.02	3.1±0.4	16.1±0.8	0.92±0.04
Knebel vig, 1994		28	0.24±0.02	3.9±0.3	8.8±0.6	0.64±0.04
Raunefjord, June		33	0.38±0.07	4.8±0.6	12.0±0.8	1.04±0.08
Raunefjord, October		33	0.52±0.06	1.2±0.3	2.5±0.6	0.38±0.04
Tvärminne		6	2.9±0.4	18±4	28±6	4.8±0.6
Kalandsvatn		0	430±50	1080±180	1900±140	190±17
Vibrio natriegens	Growing phase	30†	0.86±0.13	43±12	1.9±0.1	2.7±0.3
	Stationary phase	30†	0.37±0.05	10±3	2.4±0.2	1.4±0.1
Escherichia coli	Growing phase	‡	30±4	210±50	12.3±0.7	350±30
	Stationary phase	‡	4.8±0.6	31±6	9.6±0.9	210±20

*Chemical analysis (data not shown).
†24.5‰ sea water composition + 5 g/L of NaCl and 2 g/L of Na_2PO_4 from the BHI medium.
‡Variable concentration for each ion, see Materials and methods.