

514. BACTO MARINE BROTH (DIFCO 2216)

Bacto peptone	5.00	g
Bacto yeast extract	1.00	g
Fe(III) citrate	0.10	g
NaCl	19.45	g
MgCl ₂ (anhydrous)	5.90	g
Na ₂ SO ₄	3.24	g
CaCl ₂	1.80	g
KCl	0.55	g
NaHCO ₃	0.16	g
KBr	0.08	g
SrCl ₂	34.00	mg
H ₃ BO ₃	22.00	mg
Na-silicate	4.00	mg
NaF	2.40	mg
(NH ₄)NO ₃	1.60	mg
Na ₂ HPO ₄	8.00	mg
Distilled water	1000.00	ml

Final pH should be 7.6 ± 0.2 at 25°C. If using the complete medium from Difco add 37.40 g to 1 litre water.

For [DSM 11879](#) and [DSM 16960](#) add to the medium after autoclaving 1.00 g/l Na₂S₂O₃ x 5 H₂O from a stock solution sterilized by filtration. Check medium pH after autoclaving and adjust if necessary.