

Bold's Basal Medium (BB)

Freshwater algae

Stocks

(1) NaNO ₃	10.0 g
(2) MgSO ₄ ·7H ₂ O	3.0 g
(3) NaCl	1.0 g
(4) K ₂ HPO ₄	3.0 g
(5) KH ₂ PO ₄	7.0 g
(6) CaCl ₂ ·2H ₂ O	1.0 g

per 400 ml

(7) Trace elements solution (autoclave to dissolve):

ZnSO ₄ ·7H ₂ O	8.82 g
MnCl ₂ ·4H ₂ O	1.44 g
MoO ₃	0.71 g
CuSO ₄ ·5H ₂ O	1.57 g
Co(NO ₃) ₂ ·6H ₂ O	0.49 g
(8) H ₃ BO ₃	11.42 g
(9) EDTA	50.0 g
KOH	31.0 g
(10) FeSO ₄ ·7H ₂ O	4.98 g
H ₂ SO ₄ (conc)	1.0 ml

per litre

Medium

Stock solutions 1 - 6	10.0 ml each
Stock solutions 7 - 10	1.0 ml each

per litre

Make up to 1 litre with glass distilled or deionised water.