BG11 (Blue-Green Medium)

Freshwater algae and protozoa

Stocks		**per 500ml**
(1)	$NaNO_3$	75.0 g
(2)	K_2HPO_4	2.0 g
(3)	$MgSO_4.7H_2O$	3.75 g
(4)	$CaCl_2.2H_2O$	1.80 g
(5)	Citric acid *	0.30 g
(6)	Ammonium ferric citrate green *	0.30 g
(7)	$EDTANa_2$	0.05 g
(8)	Na_2CO_3	1.00 g
(9)	Trace metal solution:	**per litre**
	H_3BO_3	2.86 g
	$MnCl_2.4H_2O$	1.81 g
	$ZnSO_4.7H_2O$	0.22 g
	$Na_2MoO_4.2H_2O$	0.39 g
	$CuSO_4.5H_2O$	0.08 g
	$Co(NO_3)2.6H_2O$	0.05 g

Medium	**per litre**
Stock solutions 1 - 8	10.0 ml each
Stock solution 9	1.0 ml

Make up to 1 litre with deionized water. Adjust pH to **7.1** with 1M NaOH or HCl.
For agar add 15.0 g per litre of Bacteriological Agar (Oxoid L11)*. Autoclave at 15 psi for 15 minutes.

*Due to precipitation, larger volumes require stocks 5 & 6 to be autoclaved separately in 100ml deionized water or alternatively they can be autoclaved separately in test tubes and added to sterile medium in the airflow cabinet.

Supply
Unipath Ltd, Wade Road, Basingstoke, Hants, RG24 0PW, UK

Reference
Stanier RY, Kunisawa R, Mandel M & Cohen-Bazire G (1971) Purification and properties of unicellular blue-green algae (Order Chroococcales). Bacteriol. Rev. **35**: 171-205.

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