CGM (Bold Basal Medium with 3-fold Nitrogen and Vitamins; modified, with added nutrients)

Stocks		**per 100 ml**
(1)	$NaNO_3$	7.5 g
(2)	$CaCl_2.2H_2O$	2.5 g
(3)	$MgSO_4.7H_2O$	7.5 g
(4)	$K_2HPO_4.3H_2O$	7.5 g
(5)	KH_2PO_4	17.5 g
(6)	NaCl	2.5 g

		per litre
(7)	Trace elements (PIV):	
	Ensure elements are added in the following sequence:	
	Na_2EDTA	0.75 g
	$FeCl_3.6H_2O$	0.097 g
	$MnCl_2.4H_2O$	0.041 g
	$ZnCl_2$	0.005 g
	$CoCl_2.6H_2O$	0.002 g
	$Na_2MoO_4.2H_2O$	0.004 g

Once elements are dissolved autoclave at 15 psi for 15 minutes.

		per 100 ml
(8)	Vitamin B_1 (Thiamine hydrochloride)	0.12 g
	Filter sterile	
(9)	Vitamin B_{12} (Cyanocobalamin)	0.1 g
	Take 1 ml of this solution and add 99 ml deionised water. Filter sterile.	

Medium	**per litre**
Proteose peptone	0.25 g
Yeast extract	0.25 g
D-glucose	5.00 g
Stock solution 1	10 ml
Stock solutions 2 - 6	1 ml each
Stock solution 7 (Trace elements)	6 ml
Stock solutions 8 - 9	1 ml each

Make up to 1 litre with deionised water. For agar, add 15 g per litre Bacteriological Agar. Autoclave at 15 psi for 15 minutes.

Reference

Bischoff, H. W. & Bold, H. C. 1963. Phycological Studies IV. Some soil algae from Enchanted Rock and related algal species. U. Texas Pub. No. 6318. – adapted for CCAP

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