

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

Stocks

per litre

(1) NaNO ₃	75 g
(2) CaCl ₂ .2H ₂ O	2.5 g
(3) MgSO ₄ .7H ₂ O	7.5 g
(4) K ₂ HPO ₄ .3H ₂ O	7.5 g
(5) KH ₂ PO ₄	17.5 g
(6) NaCl	2.5 g
(7) Trace Elements (PIV):	
Ensure elements are added in the following sequence:	
Na ₂ EDTA	0.75 g
FeCl ₃ .6H ₂ O	0.097 g
MnCl ₂ .4H ₂ O	0.041 g
ZnCl ₂ .6H ₂ O	0.005 g
CoCl ₂ .6H ₂ O	0.002 g
Na ₂ MoO ₄ .2H ₂ O	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 (Oxoid L85) *	0.25 g
Yeast extract	0.25 g
D-glucose	5.00 g
Stock solution 1 - 6	10 ml each
Stock solution 7 (Trace element)	6 ml
Stock solutions 8 - 9	1 ml each

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

Supply

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

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Created on: 05 Nov 2019	CCAP (Culture Collection of Algae and Protozoa), SAMS Ltd, Scottish Marine Institute, Oban, Argyll, PA37 1QA, UK Tel: +44 (0)1631 559000 Fax: +44 (0)1631 559001 Email: ccap@sams.ac.uk Web: www.ccap.ac.uk	Page: 1 of 1
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