

## 3N-BBM+V x10 (Bold Basal Medium with 3-fold Nitrogen and Vitamins; modified) (FOR CUSTOMER ORDERS)

**Stocks**
**per 100 ml**

(1) NaNO <sub>3</sub>	7.5 g
(2) CaCl <sub>2</sub> .2H <sub>2</sub> O	2.5 g
(3) MgSO <sub>4</sub> .7H <sub>2</sub> O	7.5 g
(4) K <sub>2</sub> HPO <sub>4</sub> .3H <sub>2</sub> O	7.5 g
(5) KH <sub>2</sub> PO <sub>4</sub>	17.5 g
(6) NaCl	2.5 g

(7) Trace Elements (PIV):	<b>per 1 litre</b>
Ensure elements are added in the following sequence:	
Na <sub>2</sub> EDTA	0.75 g
FeCl <sub>3</sub> .6H <sub>2</sub> O	0.097 g
MnCl <sub>2</sub> .4H <sub>2</sub> O	0.041 g
ZnCl <sub>2</sub>	0.005 g
CoCl <sub>2</sub> .6H <sub>2</sub> O	0.002 g
Na <sub>2</sub> MoO <sub>4</sub> .2H <sub>2</sub> O	0.004 g

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

**Per 100 ml**

(8) Vitamin B <sub>1</sub> (Thiamine hydrochloride)	0.12 g
Filter sterile	
(9) Vitamin B <sub>12</sub> (Cyanocobalamin)	0.1 g
Take 1 ml of this solution and add 99 ml Deionised water. Filter sterile.	

**Medium**
**per litre**

Stock solution 1	10 ml
Stock solutions 2 – 6	1 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 Bacteriological Agar. Autoclave at 15 psi for 15 minutes.

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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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