NC64A (MBBM)

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
(7)	Na_2EDTA	5 g
	KOH	3.1 g
(8)	$FeSO_4.7H_2O$	0.498 g

(Per 100 ml acidified deionised water. 0.1 ml concentrated H_2SO_4 added to 99.9 ml deionised water)

(9)	H_3BO_3	11.42 g
(10)	Trace elements:	
	$ZnSO_4.7H2O$	8.82 g
	$MnCl_2.4H2O$	1.44 g
	MoO_3	0.71 g
	$CuSO_4.5H2O$	1.57 g
	$CO(NO_3)_2.6H2O$	0.49 g

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

Medium	**per litre**
Proteose peptone	1 g
Sucrose	5 g
Stock solution 1	10 ml
Stock solutions 2 - 6	1 ml each
Stock solutions 7 - 9	1 ml each
Stock solution 10 (Trace elements)	2 ml

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

Once cooled it is recommended for non-axenic strains that the antibiotic Tetracycline is added to the media. Dissolve tetracycline in 70% ethanol with the stock concentration of 10 mg/ml. Use 1 ml/1L for final medium.

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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