3: ANT

Final pH: 7.6 - 7.8
Final volume: 1000 ml

Mail sol. C_3

KNO_3	0.0500	g
NaH_2PO_4 x 2 H_2O	0.0078	g
Tris	1.0000	g
Glycine	0.3000	g
Trace metals stock solution (chelated)	2.5000	ml
Thiamine HCl	500.0000	µg
Cyanocobalamine	2.0000	µg
Biotine	1.0000	µg
Natural sea water (filtered)	800.0000	ml

Make up to 1 litre with distilled water and autoclave at 15 psi. Final pH should be 7.6 -- 7.8.

Trace metals stock solution (chelated)

Na_2-EDTA x 2 H_2O	3.2400	g
$FeCl_3$ x 6 H_2O	1.0800	g
$MnSO_4$ x 4 H_2O	0.4500	g
$ZnSO_4$ x 7 H_2O	0.2300	g
Na_2MoO_4 x 2 H_2O	0.0970	g
$CuSO_4$ x 5 H_2O	0.0100	g
$CoSO_4$ x 7 H_2O	0.0056	g

Make up to 1 litre with distilled water and adjust pH to 7.6 -- 7.8 with dilute HCl or NaOH. Store frozen.

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