

3: ANT

Final pH: 7.6 - 7.8

Final volume: 1000 ml

Mail sol. C₃

KNO ₃	0.0500	g
NaH ₂ PO ₄ x 2 H ₂ O	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 ₂ O	3.2400	g
FeCl ₃ x 6 H ₂ O	1.0800	g
MnSO ₄ x 4 H ₂ O	0.4500	g
ZnSO ₄ x 7 H ₂ O	0.2300	g
Na ₂ MoO ₄ x 2 H ₂ O	0.0970	g
CuSO ₄ x 5 H ₂ O	0.0100	g
CoSO ₄ x 7 H ₂ O	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.