

1602. CY/3-SEAWATER MEDIUM

NaCl	20.00	g
CaCl ₂ x 2 H ₂ O	0.45	g
Yeast extract	0.33	g
Casitone	1.00	g
Sea water salts solution (see below)	1000.00	ml
Cyanocobalamine (vitamin B ₁₂)	0.50	mg

Adjust pH to 7.5 with 1M NaOH, autoclave at 121°C for 20 min. Add cyanocobalamine from a filter sterilized solution after autoclaving and cooling.

Sea water salts solution(see also medium 958):

Ferric citrate	0.01	g
MgSO ₄ x 7 H ₂ O	8.00	g
CaCl ₂ x 2 H ₂ O	1.00	g
KCl	0.50	g
NaHCO ₃	0.16	g
H ₃ BO ₃	0.02	g
KBr	0.08	g
SrCl ₂ x 6 H ₂ O	0.03	g
di-Na-β-glycerophosphate	0.01	g
Trace elements solution SL-4	1.00	ml
Distilled water	1000.00	ml

Trace element solution SL-4:

EDTA	0.50	g
FeSO ₄ x 7 H ₂ O	0.20	g
Trace element solution SL-6 (see below)	100.00	ml
Distilled water	900.00	ml

Trace element solution SL-6:

ZnSO ₄ x 7 H ₂ O	0.10	g
MnCl ₂ x 4 H ₂ O	0.03	g
H ₃ BO ₃	0.30	g
CoCl ₂ x 6 H ₂ O	0.20	g
CuCl ₂ x 2 H ₂ O	0.01	g
NiCl ₂ x 6 H ₂ O	0.02	g
Na ₂ MoO ₄ x 2 H ₂ O	0.03	g
Distilled water	1000.00	ml