

243. SEAWATER YEAST PEPTONE AGAR

Peptone	5.0	g
Yeast extract	3.0	g
Agar	12.0	g
Distilled water	250.0	ml
Filtered, aged seawater (see below)	750.0	ml

Adjust pH to 7.8. Boil for 5 min, filter and readjust the pH to 7.3.

*Natural sea water is stored in the dark for at least three weeks to "age". If natural sea water is not available use artificial sea water.

Artificial sea water:

NaCl	28.13	g
KCl	0.77	g
CaCl ₂ x 2 H ₂ O	1.60	g
MgCl ₂ x 6 H ₂ O	4.80	g
NaHCO ₃	0.11	g
MgSO ₄ x 7 H ₂ O	3.50	g
Distilled water	1000.0	ml