

ATCC medium: 1576 Marine medium with iota-Carrageenan

Solution A:

NaCl.....25.0 g
MgSO₄ . 7H₂O5.0 g
CaCl₂ . 2H₂O0.2 g
KCl.....0.1 g
NaNO₃.....2.0 g
Casamino acids.....2.5 g
Iota-Carrageenan.....2.5 g
Distilled water.....1.0 L

Solution B:

0.2 M Na₂HPO₄60.0 ml

Solution C:

0.3% FeSO₄ . 7H₂O10.0 ml

Autoclave each solution separately at 121C for 15 minutes. Add Solutions B and C aseptically to Solution A. The final pH is approximately 7.2.

For solid medium, add 15.0 g of agar to Solution A.