

ATCC medium: 1623 Halophilic cyanobacterium

NaCl.....116.88 g
KCl.....2.0 g
MgCl₂.....5.0 g
MgSO₄ . 7H₂O10.0 g
CaNO₃ . 4H₂O1.0 g
KH₂PO₄0.05 g
FeEDTA.....5.0 mg
Trace Elements (see below).....1.0 ml
Glycyl glycine (Sigma G2265).....0.5 g
Agar, Noble (BD 214230).....15.0 g
Distilled water to.....1.0 L

Adjust medium for final pH 7.8. Autoclave at 121C for 15 minutes.
Autoclave agar separately to avoid darkening of medium.

Trace Elements:

MnSO₄ . H₂O2.28 g
ZnSO₄ . 7H₂O0.50 g
H₃BO₃0.50 g
CuSO₄ . 5H₂O25.0 mg
Na₂MoO₄ . 2H₂O.....25.0 mg
CoCl₂ . 6H₂O45.0 mg
H₂SO₄0.5 ml
Distilled water.....1.0 L