

ATCC medium: 1991 Modified halophilic *Ectothiorhodospira* medium

SLA Trace Elements (see below).....1.0 ml
KH₂PO₄0.8 g
Sodium acetate.....2.0 g
Na₂S₂O₃ . 5H₂O.....1.0 g
NaCl.....30.0 g
1 M Sodium carbonate, pH 9.0.....200.0 ml
Distilled water to.....980.0 ml

Autoclave at 121C for 15 minutes. Cool to room temperature and aseptically add the following sterile solutions:

2% MgCl₂ . 7H₂O5.0 ml
1% CaCl₂ . 2H₂O5.0 ml
5% Na₂S . 9H₂O5.0 ml
20% NH₄Cl4.0 ml

Adjust medium, if necessary, for final pH 8.5-9.0. Immediately fill sterile culture containers to full capacity with medium.

SLA Trace Elements:

CoCl₂ . 6H₂O250.0 mg
NiCl₂ . 6H₂O10.0 mg
CuCl₂ . 2H₂O10.0 mg
MnCl₂ . 4H₂O70.0 mg
ZnCl₂100.0 mg
H₃BO₃500.0 mg
Na₂MoO₄ . 2H₂O.....30.0 mg
Na₂SeO₃ . 5H₂O.....10.0 mg
FeCl₂ . 4H₂O1.8 g
Distilled water.....1.0 L

Adjust trace element solution to pH 2-3.