

ATCC medium: 1408 *Rhodospirillum* medium

NaCl.....100.0 g
MgCl₂ . 6H₂O3.5 g
Yeast extract.....1.5 g
Peptone.....1.5 g
Sodium malate.....1.4 g
KH₂PO₄0.3 g
SLA Trace Elements (see below).....1.0 ml
Distilled water to.....1.0 L

Adjust medium for final pH 7.0. Autoclave at 121C for 15 minutes.

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.