

ATCC medium: 1224 YPNC

Glucose (filter-sterilized).....4.0 g
K₂HPO₄0.107 g
KH₂PO₄0.596 g
MgSO₄ . 7H₂O0.049 g
NH₄Cl0.107 g
NaH glutamate (pH 6.0).....0.37 g
NaCl.....2.92 g
Yeast extract.....0.5 g
Trace Metals Mix (see below).....1.0 ml
Agar.....18.0 g
Distilled water.....1.0 L

Combine all ingredients except glucose, adjust pH to 6.0 with KOH, autoclave at 121C for 15 minutes and add filter-sterilized glucose.

Trace Metals Mix 1:10 (0.1 ml per 100 ml):

EDTA.....50.0 g
ZnSO₄ . 7H₂O22.0 g
CaCl₂5.54 g
MnCl₂ . 4H₂O5.06 g
FeSO₄ . 7H₂O4.99 g
(NH₄)₆Mo₇O₁₄ . H₂O.....1.10 g
CoSO₄ . 5H₂O1.57 g
CoCl₂ . 6H₂O1.61 g
Distilled water.....1.0 L