

ATCC medium: 2275 Rouf's medium

Yeast extract.....5.0 g
Peptone.....5.0 g
MgSO₄ . 7H₂O0.2 g
CaCl₂0.05 g
Ferric ammonium citrate.....0.15 g
MnSO₄ . 4H₂O0.05 g
FeCl₃ . 4H₂O0.01 g
Wolfe's Vitamin Solution (see below)....10.0 ml
Zeikus Trace Elements (see below).....1.0 ml
Agar (if needed).....17.0 g
Distilled water.....1.0 L

Combine ingredients and autoclave at 121C for 15 minutes. Final pH 7.1.

Wolfe's Vitamin Solution:

Available from ATCC as a sterile ready-to-use liquid (Vitamin Supplement, catalog no. MD-VS).

Biotin.....2.0 mg
Folic acid.....2.0 mg
Pyridoxine hydrochloride....10.0 mg
Thiamine . HCl.....5.0 mg
Riboflavin.....5.0 mg
Nicotinic acid.....5.0 mg
Calcium D-(+)-pantothenate...5.0 mg
Vitamin B12.....0.1 mg
p-Aminobenzoic acid.....5.0 mg
Thioctic acid.....5.0 mg
Distilled water.....1.0 L

Zeikus Trace Elements:

Nitrilotriacetic acid.....12.8 g
COCl₂ . 6H₂O0.17 g
CaCl₂ . 2H₂O0.1 g
FeSO₄ . 7H₂O0.1 g
MnCl₂ . 4H₂O0.1 g
NaCl.....0.1 g
ZnCl₂0.1 g
NiSO₄ . 6H₂O0.026 g
CuCl₂ . 2H₂O0.2 g
Na₂SeO₃0.017 g
H₃BO₃0.01 g
Na₂MoO₄ . 2H₂O.....0.01 g
Distilled water.....1.0 L