

ATCC medium: 2157 *Methylocella* medium

KNO₃0.2 g
KH₂PO₄0.04 g
MgSO₄ . 7H₂O0.02 g
CaCl₂ . 2H₂O4.0 mg
Trace Element Solution (see below).....0.2 ml
Wolfe's Vitamin Solution (see below).....1.0 ml
Distilled water.....1.0 L

Adjust pH to 5.0-5.5. Autoclave at 121C for 15 minutes.
For solid medium, use 1.5% agar.

Trace Element Solution:

EDTA.....5.0 g
FeSO₄ . 7H₂O2.0 g
ZnSO₄ . 7H₂O0.1 g
MnCl₂ . 4H₂O0.03 g
CoCl₂ . 6H₂O0.2 g
CuCl₂ . 5H₂O0.1 g
NiCl₂ . 6H₂O0.02 g
Na₂MoO₄0.03 g
Distilled water.....1.0 L

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