

ATCC medium: 1741 Mineral medium with phenol

NH ₄ NO ₃	1.0 g
(NH ₄) ₂ SO ₄	0.5 g
MgSO ₄	0.5 g
K ₂ HPO ₄	1.0 g
KH ₂ PO ₄	0.5 g
NaCl.....	0.5 g
CaCl ₂	0.02 g
FeSO ₄	0.02 g
Wolfe's Mineral Solution (see below)....	10.0 ml
Distilled water to.....	1.0 L

After sterilization of the medium, add phenol to a final concentration of 0.1%.

Wolfe's Mineral Solution:

Available from ATCC as a sterile ready-to-use liquid (Trace Mineral Supplement, catalog no. MD-TMS.)

Nitrilotriacetic acid.....	1.5 g
MgSO ₄ . 7H ₂ O	3.0 g
MnSO ₄ . H ₂ O	0.5 g
NaCl.....	1.0 g
FeSO ₄ . 7H ₂ O	0.1 g
CoCl ₂ . 6H ₂ O	0.1 g
CaCl ₂	0.1 g
ZnSO ₄ . 7H ₂ O	0.1 g
CuSO ₄ . 5H ₂ O	0.01 g
AlK(SO ₄) ₂ . 12H ₂ O.....	0.01 g
H ₃ BO ₃	0.01 g
Na ₂ MoO ₄ . 2H ₂ O.....	0.01 g
Distilled water.....	1.0 L

Add nitrilotriacetic acid to approximately 500 ml of water and adjust to pH 6.5 with KOH to dissolve the compound. Bring volume to 1.0 L with remaining water and add remaining compounds one at a time.