

ATCC medium: 1510 *Thiobacillus tepidarius* medium

KH₂PO₄4.0 g
K₂HPO₄4.0 g
MgSO₄ . 7H₂O0.8 g
NH₄Cl0.4 g
Trace Metal Mix A-5 (see below).....1.0 ml
Na₂S₂O₃ . 5H₂O4.96 g
Agar, Bacto (BD 214050) (if necessary)..10.0 g
Distilled water to.....1.0 L

Sterilize potassium phosphates as a separate solution and add aseptically to remainder of medium. Autoclave at 121C for 15 minutes. If needed, 2 ml/L of saturated bromcresol purple may be added to agar plate medium as a pH indicator.

Trace Metal Mix A-5:

H₃BO₃2.86 g
MnCl₂ . 4H₂O1.81 g
ZnSO₄ . 7H₂O0.222 g
Na₂MoO₄ . 2H₂O.....0.39 g
CuSO₄ . 5H₂O0.079 g
Co(NO₃)₂ . 6H₂O.....49.4 mg
Distilled water.....1.0 L