

ATCC medium: 1422 *Thiomicrospira* medium

NaCl.....	25.1 g
(NH ₄) ₂ SO ₄	1.0 g
MgSO ₄ . 7H ₂ O	1.5 g
KH ₂ PO ₄	0.42 g
NaHCO ₃	0.20 g
CaCl ₂ . 2H ₂ O	0.29 g
Tris-hydrochloride buffer.....	3.07 g
Na ₂ S ₂ O ₃ . 5H ₂ O	2.48 g
Vishniac and Santer Trace Element Solution (see below).....	0.2 ml
0.5% Phenol red.....	1.0 ml
Distilled water.....	1.0 L

Adjust pH to 7.5 and filter-sterilize.

Vishniac and Santer Trace Element Solution:

EDTA.....	50.0 g
ZnSO ₄ . 7H ₂ O	22.0 g
CaCl ₂	5.54 g
MnCl ₂ . 4H ₂ O	5.06 g
FeSO ₄ . 7H ₂ O	4.99 g
(NH ₄) ₆ Mo ₇ O ₂₄ . 4H ₂ O.....	1.10 g
CuSO ₄ . 5H ₂ O	1.57 g
CoCl ₂ . 6H ₂ O	1.61 g
Distilled water.....	1.0 L

Adjust pH to 6.0 with KOH.