

**ATCC medium: 1036 *Thiomicrospira* medium**

NaCl.....	25.0 g
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> .....	1.0 g
MgSO <sub>4</sub> . 7H <sub>2</sub> O .....	1.5 g
CaCl <sub>2</sub> .....	0.3 g
K <sub>2</sub> HPO <sub>4</sub> .....	0.5 g
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> . 5H <sub>2</sub> O .....	8.0 g
Vishniac & Santer Trace Element Solution (see below)...	0.2 ml
Vitamin B12.....	15.0 mcg
Distilled water.....	1.0 L
Bromcresol purple (0.05% solution).....	0.1 ml

Adjust pH to 7.2 and filter-sterilize.

*Vishniac and Santer Trace Element Solution:*

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

Adjust pH to 6.0 with KOH.