

**536. THIOCAPSA HALOPHILA MEDIUM**

KH <sub>2</sub> PO <sub>4</sub>	0.30	g
NH <sub>4</sub> Cl	0.50	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.05	g
NaCl	70.00	g
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	4.50	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	3.00	g
Trace element solution (see SL-12B in medium 28)	1.00	ml
H <sub>2</sub> O	1000.00	ml

Autoclave at 121°C for 15 min and then cool to under N<sub>2</sub>/CO<sub>2</sub> (9:1).

To the cold medium add following filter-sterilized solutions:

Vitamin B <sub>12</sub> (2.0 mg in 100 ml H <sub>2</sub> O)	1.00	ml
NaHCO <sub>3</sub> (5.0 g in 100 ml H <sub>2</sub> O)	40.00	ml
Na <sub>2</sub> S x 9 H <sub>2</sub> O (6.0 g in 100 ml H <sub>2</sub> O)	10.00	ml
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (5.0 g in 100 ml H <sub>2</sub> O)	10.00	ml

Adjust final pH 7.2 to 7.3.