

**573. THIOTHRIX MEDIUM**

NH <sub>4</sub> Cl	0.20	g
K <sub>2</sub> HPO <sub>4</sub>	0.01	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.01	g
CaSO <sub>4</sub> (saturated solution)	20.00	ml
Trace element solution (see medium 155)	5.00	ml
Na-acetate	0.10	g
Agar (if necessary)	12.00	g
Na <sub>2</sub> S x 9 H <sub>2</sub> O	0.30	g
Distilled water	1000.00	ml

Adjust pH to 7.5 before autoclaving. Sterilize separately a 10% (w/v) solution of Na<sub>2</sub>S x 9 H<sub>2</sub>O; add 3 ml/l of this solution to the medium after autoclaving.