

**1162. THIOPHAEOCOCCUS MANGROVI MEDIUM**

KH <sub>2</sub> PO <sub>4</sub>	0.50	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.15	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	2.00	g
NH <sub>4</sub> Cl	0.64	g
NaCl	20.00	g
Yeast extract	0.40	g
Sodium pyruvate	3.00	g
Micronutrient solution SL 8 (see below)	1.00	ml
NaHCO <sub>3</sub> (10% w/v)	10.00	ml
Vitamin B <sub>12</sub> (2 mg/ml w/v)	1.00	ml
Na <sub>2</sub> S x 9 H <sub>2</sub> O	1.00	mM
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> x 5 H <sub>2</sub> O	6.00	mM
Distilled water	1000.00	ml

Adjust to pH 7.5

Bubble the medium with nitrogen gas and fill 10 ml in 15 ml tubes with a rubber septum under a stream of nitrogen gas.

*Micronutrient solution SL 8:*

EDTA-Na <sub>2</sub>	5.2	g
FeCl <sub>2</sub> x 4 H <sub>2</sub> O	1.5	g
ZnCl <sub>2</sub>	70.0	mg
MnCl <sub>2</sub> x 4 H <sub>2</sub> O	100.0	mg
H <sub>3</sub> BO <sub>3</sub>	62.0	mg
CoCl <sub>2</sub> x 6 H <sub>2</sub> O	190.0	mg
CuCl <sub>2</sub> x 2 H <sub>2</sub> O	17.0	mg
NiCl <sub>2</sub> x 6 H <sub>2</sub> O	24.0	mg
NaMoO <sub>4</sub> x 2 H <sub>2</sub> O	36.0	mg
Distilled water	1000.0	ml

**Note:**

Filter-sterilized Vitamin B<sub>12</sub>, Na<sub>2</sub>S x 9 H<sub>2</sub>O, Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> x 5 H<sub>2</sub>O are to be added only after autoclaving the medium.