

**1255. THERMOVENABULUM MEDIUM**

NaCl	1.00	g
NH <sub>4</sub> Cl	1.00	g
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	0.10	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.10	g
KH <sub>2</sub> PO <sub>4</sub>	0.38	g
K <sub>2</sub> HPO <sub>4</sub>	0.75	g
Trace element solution SL-10 (see medium 320)	10.00	ml
Yeast extract (OXOID)	2.00	g
Tryptone (BD Bacto)	2.00	g
FeSO <sub>4</sub> solution (0.1% w/v in 0.1 N H <sub>2</sub> SO <sub>4</sub> )	0.50	ml
PIPES (SIGMA)	3.80	g
Na-resazurin solution (0.1% w/v)	0.50	ml
D-Glucose	2.00	g
Vitamin solution (see medium 141)	10.00	ml
Na <sub>2</sub> S x 9 H <sub>2</sub> O	0.50	g
Distilled water	1000.00	ml

Dissolve ingredients (except glucose, vitamins and sulfide), adjust pH to 7.0 and sparge medium with 100% N<sub>2</sub> gas for 30 – 45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave.

Prior to inoculation add glucose, vitamins and sulfide from sterile anoxic stock solution prepared under 100% N<sub>2</sub> gas. Vitamins are sterilized by filtration. The pH of the complete medium should be 7.0.