

**677: CLOSTRIDIUM (P-2) MEDIUM**

K <sub>2</sub> HPO <sub>4</sub>	3.00	g
KH <sub>2</sub> PO <sub>4</sub>	2.00	g
NH <sub>4</sub> Cl	2.00	g
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	0.20	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.05	g
Yeast extract	5.00	g
Sodium resazurin (0.1% w/v)	0.50	ml
D-Glucose	5.00	g
L-Cysteine HCl x H <sub>2</sub> O	0.50	g
Na <sub>2</sub> S x 9 H <sub>2</sub> O	0.50	g
Distilled water	1000.00	ml

Dissolve ingredients except glucose, cysteine and sulfide. Sparge medium with 100% N<sub>2</sub> gas for 30 - 45 min to make it anoxic, then dispense under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add glucose, cysteine and sulfide from sterile anoxic stock solutions prepared under 100% N<sub>2</sub> gas. Adjust pH of the complete medium to 7.0 - 7.2, if necessary.