

677. CLOSTRIDIUM (P-2) MEDIUM

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

Dissolve ingredients except glucose, cysteine and sulfide. Sparge medium with 100% N₂ 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% N₂ gas. Adjust pH of the complete medium to 7.0 - 7.2, if necessary.