

648. CLOSTRIDIUM GRANTII MEDIUM

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| Marine Broth (BD Difco) | 18.5 | g |
| Na-resazurin solution (0.1% w/v) | 0.5 | ml |
| NaHCO ₃ | 2.0 | g |
| D-Glucose | 5.0 | g |
| L-Cysteine-HCl x H ₂ O | 0.3 | g |
| Na ₂ S x 9 H ₂ O | 0.3 | g |
| Distilled water | 1000.0 | ml |

Dissolve DIFCO Marine Broth powder and resazurin, bring medium to the boil, then cool to room temperature under 80% N₂ and 20% CO₂ gas atmosphere. Dispense the medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Complete the medium by adding glucose, cysteine and sulfide from sterile anoxic stock solutions prepared under 100% N₂ gas and bicarbonate from a sterile anoxic stock solution prepared under 80% N₂ and 20% CO₂ gas mixture. The pH of the complete medium should be around 6.6.