

Main sol. 708

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| Na ₂ HPO ₄ x 2 H ₂ O | 0.53 | g |
| KH ₂ PO ₄ | 0.41 | g |
| NH ₄ Cl | 0.30 | g |
| CaCl ₂ x 2 H ₂ O | 0.11 | g |
| MgCl ₂ x 6 H ₂ O | 0.10 | g |
| Na ₂ SO ₄ | 2.80 | g |
| NaCl | 0.30 | g |
| Trace element solution SL-10 | 1.00 | ml |
| Selenite-tungstate solution | 1.00 | ml |
| Sodium resazurin (0.1% w/v) | 0.50 | ml |
| Na ₂ CO ₃ | 1.50 | g |
| Wolin's vitamin solution (10x) | 1.00 | ml |
| Seven vitamins solution | 1.00 | ml |
| Na-propionate | 2.00 | g |
| Na ₂ S x 9 H ₂ O | 0.50 | g |
| Distilled water | 1000.00 | ml |

Dissolve ingredients except carbonate, vitamins, propionate and sulfide. Sparge medium with 80% N₂ and 20% CO₂ gas mixture 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 vitamins, propionate and sulfide from sterile anoxic stock solutions prepared under 100% N₂ gas and carbonate from a sterile anoxic stock solution prepared under 80% N₂ and 20% CO₂ gas mixture. Vitamins should be sterilized by filtration. The pH of the complete medium should be 7.2 - 7.6.