



Main sol. 913

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| Artificial sea water | 750.00 | ml |
| (NH ₄) ₂ SO ₄ | 1.00 | g |
| KH ₂ PO ₄ | 0.50 | g |
| Yeast extract | 2.00 | g |
| MOPS (SIGMA) | 5.00 | g |
| Modified Wolin's mineral solution | 10.00 | ml |
| Sodium resazurin (0.1% w/v) | 0.50 | ml |
| Wolin's vitamin solution (10x) | 1.00 | ml |
| Na ₂ S x 9 H ₂ O | 0.30 | g |
| Distilled water | 240.00 | ml |

Dissolve ingredients except vitamins and sulfide, adjust pH to 7.0, then sparge medium with 100% N₂ gas for 30 - 45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials (to 30% of volume) and autoclave. Add vitamins and sulfide from sterile anoxic stock solutions prepared under 100% N₂ gas. Vitamins should be sterilized by filtration. Adjust pH of the complete medium to 7.0, if necessary.