

1222. RHODOVULUM MARINUM MEDIUM

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|--|---------|----|
| KH ₂ PO ₄ | 0.50 | g |
| NaCl | 20.00 | g |
| NH ₄ Cl | 0.60 | g |
| CaCl ₂ x 2 H ₂ O | 0.15 | g |
| MgSO ₄ x 7 H ₂ O | 1.00 | g |
| Sorbitol or Na pyruvate | 3.00 | g |
| Trace element solution SL-8 | 1.00 | ml |
| Vitamin B ₁₂ (20mg/l) | 1.00 | ml |
| Distilled water | 1000.00 | ml |

Trace element solution SL-8:

| | | |
|---|---------|----|
| Distilled water | 1000.00 | ml |
| Na ₂ -EDTA | 5.20 | g |
| FeCl ₂ x 4 H ₂ O | 1.50 | g |
| CoCl ₂ x 6 H ₂ O | 190.00 | mg |
| MnCl ₂ x 2 H ₂ O | 100.00 | mg |
| ZnCl ₂ | 70.00 | mg |
| NiCl ₂ x 6 H ₂ O | 24.00 | mg |
| Na ₂ MoO ₄ x 2 H ₂ O | 36.00 | mg |
| H ₃ BO ₃ | 62.00 | mg |
| CuCl ₂ x 2 H ₂ O | 17.00 | mg |

Adjust pH to 6.8.

Prepare the medium under a nitrogen atmosphere, dispense into tubes or bottles fitted with rubber stoppers so that they are half full. Add the vitamin B₁₂ from a filter-sterilised stock solution. Either sorbitol or sodium pyruvate may serve as the carbon source. The final pH of the medium should be 6.8.