

1390. RHODOVULUM MEDIUM

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|--|--------|----|
| Yeast extract | 0.10 | g |
| KH ₂ PO ₄ | 1.00 | g |
| NH ₄ Cl | 1.00 | g |
| Na ₂ SO ₄ | 0.70 | g |
| NaCl | 120.00 | g |
| NaHCO ₃ | 3.00 | g |
| Na ₂ S x 9 H ₂ O | 0.2 | g |
| MgCl ₂ x 6 H ₂ O | 0.50 | g |
| CaCl ₂ x 2 H ₂ O | 0.10 | g |
| Na .ascorbate | 0.50 | g |
| Na-malate or -acetate | 1.00 | g |
| Trace elements solution SLA (see medium 351) | 1.00 | ml |
| Vitamin B ₁₂ | 20 | µg |
| Vitamin solution VA (see Medium 351) | 1.00 | ml |
| Vitamin B ₁₂ | 20 | µg |
| Distilled water | 1000 | ml |
| Adjust ph to 7.0 | | |

Prepare the medium under N₂ gas without the NaHCO₃, Na₂S x 9 H₂O, VA-Vitamin solution and vitamin B₁₂. Autoclave and add the VA-Vitamin solution and vitamin B₁₂ from a filter-sterilised stock solution and the NaHCO₃, Na₂S x 9 H₂O, from sterile stock solutions. The final pH of the medium should be 7.0.