

1359. PHAEOVIBRIO SULPHIDIPHILUS MEDIUM

| | | |
|--|---------|----|
| KH ₂ PO ₄ | 0.50 | g |
| MgSO ₄ x 7H ₂ O | 0.50 | g |
| NaCl | 0.40 | g |
| NH ₄ Cl | 0.68 | g |
| CaCl ₂ x 2 H ₂ O | 0.25 | g |
| Na Pyruvate | 0.50 | g |
| Na Succinate | 0.50 | g |
| Na Acetate | 0.50 | g |
| Yeast extract | 0.50 | g |
| Ferric citrate solution (0.1%) | 5.00 | ml |
| NaHCO ₃ (10%) | 15.00 | ml |
| Na ₂ S x 9H ₂ O (1M) | 1.00 | ml |
| Vitamin B ₁₂ solution (2mg/100ml) | 1.00 | ml |
| Trace element solution SL7 (see below) | 1.00 | ml |
| Distilled water | 1000.00 | ml |

Prepare the basal medium under nitrogen.

Trace element solution SL7:

| | | |
|---|--------|----|
| HCl (25%, v/v) | 1.0 | ml |
| ZnCl ₂ | 70.0 | mg |
| MnCl ₂ x 4 H ₂ O | 100.0 | mg |
| H ₃ BO ₃ | 60.0 | mg |
| CoCl ₂ x 6 H ₂ O | 200.0 | mg |
| CuCl ₂ x 2 H ₂ O | 20.0 | mg |
| NiCl ₂ x 6 H ₂ O | 20.0 | mg |
| Na ₂ MoO ₄ x 2 H ₂ O | 40.0 | mg |
| Distilled water | 1000.0 | ml |

NaHCO₃ solution (autoclaved in sealed, half full vessels under CO₂), Na₂S x 9H₂O solution (autoclaved) and vitamin B₁₂ solution (filter sterilised) is added to the autoclaved medium and the final pH adjusted to 7.0±0.4