

ATCC medium: 1955 VM medium

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| DL-Malic Acid..... | 2.5 g |
| KOH..... | 4.5 g |
| KH ₂ PO ₄ | 0.6 g |
| K ₂ HPO ₄ | 0.4 g |
| MgSO ₄ . 7H ₂ O | 0.2 g |
| NaCl..... | 1.0 g |
| CaCl ₂ | 20.0 mg |
| MnSO ₄ . H ₂ O | 10.0 mg |
| Na ₂ MoO ₄ . 2H ₂ O..... | 2.0 mg |
| FeEDTA..... | 66.0 mg |
| Biotin..... | 0.1 mg |
| NH ₄ Cl | 0.5 g |
| Beef extract..... | 3.0 g |
| Yeast extract..... | 1.0 g |
| Agar (if needed for semi-solid conditions)..... | 2.0 g |
| Distilled water..... | 1.0 L |

Adjust medium for final pH 6.8. Autoclave at 121C for 15 minutes.