

962. THERMINCOLA FERRIACETICA MEDIUM

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| Na ₂ -9,10-anthraquinone-2,6-disulfonate (sc-397516A) | 8.00 | g |
| NH ₄ Cl | 0.33 | g |
| KH ₂ PO ₄ | 0.33 | g |
| MgCl ₂ x 6 H ₂ O | 0.33 | g |
| CaCl ₂ x 2 H ₂ O | 0.33 | g |
| KCl | 0.33 | g |
| Yeast extract (OXOID) | 0.05 | g |
| Trace elements solution (see medium 141) | 10.00 | ml |
| NaHCO ₃ | 2.50 | g |
| Na-acetate | 3.00 | g |
| Vitamin solution (see medium 141) | 10.00 | ml |
| Distilled water | 1000.00 | ml |

Dissolve ingredients (except bicarbonate, acetate and vitamins), boil medium to dissolve AQDS, then cool to room temperature under 80% N₂ and 20% CO₂ gas atmosphere. Add solid bicarbonate and adjust pH to 6.8 - 7.0. Dispense medium under 80% N₂ and 20% CO₂ gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add acetate and vitamins from sterile anoxic stock solutions prepared under 100% N₂ gas. Vitamins should be sterilized by filtration. Adjust pH of complete medium to 7.0, if necessary.