

Main sol. 342

Solution A	792.00	ml
Solution B	210.00	ml
Solution C	10.00	ml

1. Dissolve ingredients of solution A (except cysteine), bring to the boil, then cool to room temperature under 100% H₂ gas. Add cysteine and adjust pH to 7.0, if necessary. Dispense medium under 100% H₂ gas atmosphere into anoxic Hungate-type tubes or serum vials to 30% of their volume and then autoclave. Solution B is autoclaved separately under 80% N₂ and 20% CO₂ gas atmosphere. Solution C is prepared under 100% N₂ gas atmosphere. Complete the medium by adding appropriate amounts of solutions B and C to the sterile solution A. Adjust pH of complete medium to 8.3 - 8.4, if necessary.

2. After inoculation add sterile H₂ gas to 1 - 2 bar overpressure.