61. THERMOANAEROBACTER MEDIUM

Tryptone (BD BBL) 10.00 g  
Yeast extract 2.00 g  
FeSO₄ x 7 H₂O 0.20 g  
Na-resazurin solution (0.1% w/v) 0.50 ml  
Sucrose 10.00 g  
Na₂SO₃ 0.20 g  
Na₂S₂O₃ x 5 H₂O 0.08 g  
Distilled water 1000.00 ml

Dissolve ingredients (except sucrose, sulfite and thiosulfate), adjust pH to 6.8 - 7.5 and sparge medium with 100% N₂ gas for 30 – 45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. After sterilization add sucrose, sulfite and thiosulfate from anoxic stock solutions prepared under 100% N₂ gas and sterilized by filtration. The stock solution of sulfite should be freshly prepared.

For DSM 8686 and DSM 8690 replace sucrose with 10.00 g/l D-xylose as substrate and adjust pH of medium to 5.2.

For DSM 15493 replace sucrose with 3.00 g/l D-maltose.