

61. THERMOANAEROBACTER MEDIUM

Tryptone (BD BBL)	10.00	g
Yeast extract	2.00	g
FeSO ₄ x 7 H ₂ O	0.20	g
Na-resazurin solution (0.1% w/v)	0.50	ml
Sucrose	10.00	g
Na ₂ SO ₃	0.20	g
Na ₂ S ₂ O ₃ x 5 H ₂ O	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.