

1099. DESULFOLUNA MEDIUM

NaCl	20.0	g
KH ₂ PO ₄	0.5	g
NH ₄ Cl	1.0	g
Na ₂ SO ₄	1.0	g
CaCl ₂ x 2 H ₂ O	0.1	g
MgSO ₄ x 7 H ₂ O	2.0	g
Yeast extract	0.5	g
Trace element solution SL-10 (see medium 320)	1.0	ml
Na-L-lactate	2.5	g
Na-resazurin solution (0.1% w/v)	0.5	ml
L-Cysteine-HCl x H ₂ O	0.5	g
Distilled water	1000.0	ml

Dissolve ingredients (except cysteine) 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. Add cysteine from a sterile anoxic stock solution prepared under 100% N₂ gas and adjust pH of the complete medium to 6.5, if necessary.