

Main sol. 14

Yeast extract	5.00	g
K ₂ HPO ₄	10.00	g
Trace element solution SL-4	10.00	ml
Pyridoxine hydrochloride (0.1% w/v)	1.00	ml
Na-thioglycolate	0.75	g
Sodium resazurin (0.1% w/v)	0.50	ml
Na ₂ CO ₃	1.00	g
D-Fructose	5.00	g
Agar, for solid medium (optional)	15.00	g
Distilled water	1000.00	ml

Dissolve ingredients (except carbonate and fructose) and sparge medium with 100% N₂ gas for at least 30 - 45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add fructose from a sterile anoxic stock solution prepared under 100% N₂ gas and carbonate from a sterile anoxic stock solution prepared under 80% N₂ and 20% CO₂ gas atmosphere. Adjust pH of complete medium to 8.0.