

Main sol. 1478

NaCl	72.000	g
K ₂ HPO ₄	2.500	g
(NH ₄) ₂ SO ₄	0.125	g
Na ₂ CO ₃	142.500	g
NaHCO ₃	22.500	g
Trace element solution	1.000	ml
Sulfur powder	2.000	g
Distilled water	1000.000	ml

Prepare the liquid medium. Dispense the medium into Hungate tubes or serum bottles under gassing with N₂. Steam medium for 3h on each of 3 successive days. Before inoculation add from sterile stock solutions:

MgCl ₂ x 6 H ₂ O	1.200	mM
NaHCO ₃	1.250	mM
NH ₄ Cl	3.000	mM
Sodium formate	50.000	mM
Sodium acetate	2.000	mM
Yeast extract	20.000	mg/l
Vitamine mixture	1.000	ml
Disodium sulfide (1M filter sterilized stock)	1.000	mM