

Main sol. 119c

KH_2PO_4	0.50	g
$\text{MgSO}_4 \times 7 \text{ H}_2\text{O}$	0.40	g
NaCl	0.40	g
NH_4Cl	0.40	g
$\text{CaCl}_2 \times 2 \text{ H}_2\text{O}$	0.05	g
Trace element solution SL-10	1.00	ml
$\text{FeSO}_4 \times 7 \text{ H}_2\text{O}$ solution (0.1% w/v)	2.00	ml
Yeast extract (OXOID)	1.00	g
Na-acetate	1.00	g
Na-formate	2.00	g
Sludge fluid	50.00	ml
Fatty acid mixture	20.00	ml
Sodium resazurin (0.1% w/v)	0.50	ml
NaHCO_3	0.50	g
L-Cysteine HCl $\times \text{H}_2\text{O}$	0.50	g
$\text{Na}_2\text{S} \times 9 \text{ H}_2\text{O}$	0.50	g
Distilled water	930.00	ml

Dissolve ingredients except bicarbonate, cysteine and sulfide. Sparge medium with 100% N_2 gas for 30 - 45 min to make it anoxic. Add and dissolve bicarbonate, adjust pH to 6.8 and dispense medium under 100% N_2 gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add cysteine and sulfide from sterile anoxic stock solutions prepared under 100% N_2 gas. Prior to use check pH of complete medium and adjust to 6.8 - 7.0, if necessary.