

Main sol. 866

KH ₂ PO ₄	0.20	g
MgCl ₂ x 6 H ₂ O	0.10	g
KCl	0.20	g
NH ₄ Cl	1.00	g
Na ₂ SO ₄	5.00	g
NaCl	5.00	g
Trace element solution SL-10	1.00	ml
Yeast extract	1.50	g
Sodium resazurin (0.1% w/v)	0.50	ml
Na ₂ CO ₃	0.50	g
NaHCO ₃	8.00	g
Na-formate	5.00	g
Wolin's vitamin solution (10x)	1.00	ml
Na ₂ S x 9 H ₂ O	0.50	g
Distilled water	1000.00	ml

Dissolve the ingredients (except carbonate, bicarbonate, vitamins, formate and sulfide,) and sparge medium with 100% N₂ gas for 30 - 45 min to make it anoxic. Add and dissolve carbonate and bicarbonate, adjust pH to 8.8 - 9.0, then dispense under 100% N₂ gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Before use add vitamins (sterilized by filtration), formate and sulfide from sterile anoxic stock solutions prepared under 100% N₂ gas.