Main sol. 1579

NH_4Cl	0.33	g
KCl	0.33	g
KH_2PO_4	0.33	g
$MgCl_2$ x 6 H_2O	0.33	g
$CaCl_2$ x 2 H_2O	0.33	g
Trace element solution SL-10	1.00	ml
Selenite-tungstate solution	1.00	ml
Yeast extract	1.00	g
KNO_3	1.00	g
$NaHCO_3$	2.00	g
Wolin's vitamin solution (10x)	1.00	ml
Distilled water	1000.00	ml

Dissolve ingredients (except yeast extract, nitrate, bicarbonate and vitamins) and sparge medium with 100% CO_2 gas for at least 30 - 45 min to make it anoxic, then dispense under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. After autoclaving add yeast extract, nitrate and vitamins from sterile anoxic stock solutions prepared under 100% N_2 gas and bicarbonate from a sterile anoxic stock solution prepared under 80% N_2 and 20% CO_2 gas atmosphere. Vitamins should be sterilized by filtration. The pH of the complete medium should be adjusted to 6.5 - 6.8, if necessary.

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