Main sol. 388

KH_2PO_4	1.50	g
Na_2HPO_4 x 12 H_2O	4.20	g
NH_4Cl	0.50	g
$MgCl_2$ x 6 H_2O	0.38	g
$CaCl_2$ x 2 H_2O	0.06	g
$Fe(NH_4)_2(SO_4)_2$ x 6 H_2O	0.04	g
$CoCl_2$ x 6 H_2O (0.1% w/v)	2.90	ml
Na_2MoO_4 x 2 H_2O (0.1% w/v)	2.40	ml
Na_2SeO_3 x 5 H_2O (0.01% w/v)	1.70	ml
$MnCl_2$ x 4 H_2O (0.1% w/v)	2.00	ml
$ZnSO_4$ (0.1% w/v)	2.80	ml
Yeast extract	2.00	g
Polypeptone	2.00	g
Starch (soluble)	5.00	g
Sodium resazurin (0.1% w/v)	0.50	ml
Na_2CO_3	1.00	g
L-Cysteine HCl x H_2O	1.00	g
Wolin's vitamin solution (10x)	1.00	ml
Distilled water	1000.00	ml

Dissolve ingredients (except carbonate, cysteine and vitamins), bring medium to the boil, then cool to room temperature under 100% N_2 gas atmosphere. Add and dissolve carbonate and cysteine, adjust pH to 7.2, then dispense under 100% N_2 gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add vitamins from an anoxic stock solution prepared under 100% N_2 gas and sterilized by filtration. Adjust pH of complete medium to 7.2, if necessary.

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