

Main sol. J988

Na ₂ HPO ₄	0.53	g
KH ₂ PO ₄	0.41	g
NH ₄ Cl	0.30	g
CaCl ₂ x 2 H ₂ O	0.11	g
MgCl ₂ x 6 H ₂ O	0.10	g
NaCl	0.30	g
Trace element solution SL-10	1.00	ml
Selenite-tungstate solution	1.00	ml
Yeast extract (BD-Difco)	0.40	g
Resazurin	0.50	mg
NaHCO ₃	4.00	g
Trace vitamins	10.00	ml
Glycerol	2.30	g
Na ₂ S x 9 H ₂ O	0.50	g
Distilled water	1000.00	ml

Mix ingredients except Trace vitamins, NaHCO₃ and Na₂S x 9H₂O. Separately autoclave NaHCO₃ and Na₂S x 9H₂O (4 and 5% solutions, respectively) under a N₂-CO₂ atmosphere. Anaerobically and aseptically add the NaHCO₃ and Na₂S x 9H₂O solutions, and filter-sterilized Trace vitamins to the medium. Check final pH to be 7.0 - 7.2. Pressurize the inoculated bottles to 70 kPa N₂-CO₂ (4:1, v/v).