



## Main sol. 1390

Yeast extract	0.10	g
KH <sub>2</sub> PO <sub>4</sub>	1.00	g
NH <sub>4</sub> Cl	1.00	g
Na <sub>2</sub> SO <sub>4</sub>	0.70	g
NaCl	120.00	g
NaHCO <sub>3</sub>	3.00	g
Na <sub>2</sub> S x 9 H <sub>2</sub> O	0.20	g
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	0.50	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.10	g
Na-ascorbate	0.50	g
Na-malate <b>or</b> Na-acetate	1.00	g
<b>Trace element solution (SLA)</b>	1.00	ml
Vitamin B <sub>12</sub>	20.00	µg
<b>Vitamin solution (VA)</b>	1.00	ml
Vitamin B <sub>12</sub>	20.00	µg
Distilled water	1000.00	ml

1. Adjust pH to 7.0

2. Prepare the medium under N<sub>2</sub> gas without the NaHCO<sub>3</sub>, Na<sub>2</sub>S x 9 H<sub>2</sub>O, VA-Vitamin solution and vitamin B<sub>12</sub>. Autoclave and add the VA-Vitamin solution and vitamin B<sub>12</sub> from a filter-sterilised stock solution and the NaHCO<sub>3</sub>, Na<sub>2</sub>S x 9 H<sub>2</sub>O, from sterile stock solutions. The final pH of the medium should be 7.0.