

## Main sol. 784a

KH <sub>2</sub> PO <sub>4</sub>	0.20	g
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	0.10	g
NH <sub>4</sub> Cl	1.00	g
KCl	0.20	g
NaCl	60.00	g
<b>Trace element solution SL-11</b>	1.00	ml
Na-acetate	0.20	g
Sodium resazurin (0.1% w/v)	0.50	ml
Na <sub>2</sub> CO <sub>3</sub>	68.00	g
NaHCO <sub>3</sub>	38.00	g
<b>Wolin's vitamin solution (10x)</b>	1.00	ml
Na <sub>2</sub> S x 9 H <sub>2</sub> O	1.00	g
Distilled water	1000.00	ml

Dissolve ingredients except carbonate, bicarbonate, vitamins and sulfide, then sparge medium with 80% H<sub>2</sub> and 20% CO<sub>2</sub> gas mixture for 30 - 45 min to make it anoxic. Add and dissolve carbonates and sulfide while gassing the head space only. Dispense under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Before use add vitamins from an anoxic stock solution sterilized by filtration. Adjust pH of the complete medium to 9.0 - 9.5.