

## Main sol. 142a

NaCl	15.00	g
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	1.00	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	1.50	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.42	g
<b>Trace element solution SL-10</b>	1.00	ml
Bromothymol blue (0.1% w/v)	4.00	ml
K <sub>2</sub> HPO <sub>4</sub>	0.50	g
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> x 5 H <sub>2</sub> O	5.00	g
<b>Seven vitamins solution</b>	1.00	ml
Distilled water	1000.00	ml

Dissolve ingredients (except hydrogenphosphate, thiosulfate and vitamins), adjust pH to 6.0 and autoclave. Phosphate and thiosulfate are autoclaved separately each in 5% of the final volume. The vitamin solution is sterilized by filtration. Adjust pH of the complete medium to 7.6 with a sterile 5% (w/v) Na<sub>2</sub>CO<sub>3</sub> solution.