

## Main sol. 1315

KNO <sub>3</sub>	0.85	g
NaHCO <sub>3</sub>	2.52	g
CaCl <sub>2</sub>	0.01	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	0.50	g
MnSO <sub>4</sub>	0.01	g
NH <sub>4</sub> Cl	0.30	g
NaCl	0.05	g
<b>Selenite and tungstate solution</b>	2.00	ml
Distilled water	884.00	ml
<b>Phosphate solution</b>	100.00	ml
<b>Acetate solution 98.0 g/L</b>	10.00	ml
<b>Vitamin solution</b>	5.00	ml
<b>Trace element solution SL-10</b>	1.00	ml

Distribute to gas tight vessels, gas with 90% N<sub>2</sub> +10% CO<sub>2</sub> to achieve anaerobic conditions and autoclave. After cooling, add the phosphate solution, substrate solution, vitamin solution and trace element solution. After mixing, pH should be 7.1 - 7.5.