

**Main sol. 1663**

NaCl	3.62	g
K <sub>2</sub> HPO <sub>4</sub>	0.26	g
(NH <sub>4</sub> )Cl	0.08	g
NaNO <sub>3</sub>	0.85	g
Na <sub>2</sub> SO <sub>4</sub>	0.05	g
<b>Trace element solution</b>	1.00	ml
<b>Wolin's vitamin solution</b>	10.00	ml
Na-DL-lactate	1.12	g
Yeast extract	0.20	g
Distilled water	936.50	ml
NaHCO <sub>3</sub> (8%)	52.50	ml

Dissolve ingredients (except vitamins and trace elements) in distilled water; boil for 1- 2 minutes and cool down to room temperature under 100% N<sub>2</sub> gas, dispense in culture vessels and autoclave. After sterilization add NaHCO<sub>3</sub>, vitamins, and trace elements from sterile anoxic stock solutions prepared under 100% N<sub>2</sub>. Adjust pH to 8.2 and add sodium sulfide (Na<sub>2</sub>S) from a sterile anoxic solution to achieve a final concentration of 100 µM prior inoculation.