



## Main sol. 1001

NaHCO <sub>3</sub>	2.50	g
NH <sub>4</sub> Cl	0.25	g
NaH <sub>2</sub> PO <sub>4</sub> x H <sub>2</sub> O	0.60	g
KCl	0.10	g
<b>Vitamin mixture</b>	10.00	ml
<b>Mineral mixture</b>	10.00	ml
Distilled water	980.00	ml

This medium should not be exposed to direct sunlight! Add all basal medium ingredients. Bring the final volume of the medium to 1.0 liter. Dispense to appropriate culture containers. Bubble the medium with 80:20 N<sub>2</sub>:CO<sub>2</sub> (final pH should be 6.8 to 7.0) - approximately 10 ml of media (anaerobic culture tube) should be gassed for 5 min in the aqueous phase (bubbled) and the headspace gassed for one minute prior to sealing the container. Sterilize per usual procedure. Add electron donor (Acetate-final conc. of 10 mM-recipe below) and electron acceptor (Fe(III)NTA-final conc. of 10 mM-recipe below) from sterile, anaerobic stock solutions using a sterile syringe and needle flushed with anaerobic gas. Store out of direct light.