



## Main sol. 968

(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	0.10	g
MgSO <sub>4</sub>	25.00	mg
NaCl	90.00	g
K <sub>2</sub> HPO <sub>4</sub>	0.15	g
KH <sub>2</sub> PO <sub>4</sub>	0.08	g
<b>Trace element solution SL-10</b>	1.00	ml
<b>Selenite-tungstate solution</b>	1.00	ml
NaNO <sub>3</sub>	1.25	g
Na-DL-lactate	1.70	g
Yeast extract	0.20	g
Sodium resazurin (0.1% w/v)	0.50	ml
Na <sub>2</sub> CO <sub>3</sub>	10.60	g
NaHCO <sub>3</sub>	4.20	g
L-Cysteine HCl x H <sub>2</sub> O	0.25	g
Na <sub>2</sub> S x 9 H <sub>2</sub> O	0.25	g
Distilled water	1000.00	ml

Dissolve ingredients (except carbonate, hydrogencarbonate and reducing agents), then sparge medium with 100% N<sub>2</sub> gas for 30 - 45 min to make it anoxic. Add solid carbonate and bicarbonate, adjust pH to 9.8, dispense medium under 100% N<sub>2</sub> gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Before inoculation, add cysteine and sulfide from sterile anoxic stock solutions prepared under 100% N<sub>2</sub> gas. Adjust pH of complete medium to 9.8, if necessary.