



## Main sol. 14

Yeast extract	5.00	g
K <sub>2</sub> HPO <sub>4</sub>	10.00	g
<b>Trace element solution SL-4</b>	10.00	ml
Pyridoxine hydrochloride (0.1% w/v)	1.00	ml
Na-thioglycolate	0.75	g
Sodium resazurin (0.1% w/v)	0.50	ml
Na <sub>2</sub> CO <sub>3</sub>	1.00	g
D-Fructose	5.00	g
Agar, for solid medium (optional)	15.00	g
Distilled water	1000.00	ml

Dissolve ingredients (except carbonate and fructose) and sparge medium with 100% N<sub>2</sub> gas for at least 30 - 45 min to make it anoxic. Dispense medium under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. Add fructose from a sterile anoxic stock solution prepared under 100% N<sub>2</sub> gas and carbonate from a sterile anoxic stock solution prepared under 80% N<sub>2</sub> and 20% CO<sub>2</sub> gas atmosphere. Adjust pH of complete medium to 8.0.