

## Main sol. 845

Peptone (BD Bacto)	5.00	g
Disodium succinate	1.00	g
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	1.00	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	1.00	g
FeCl <sub>3</sub> x 6 H <sub>2</sub> O	2.00	mg
MnSO <sub>4</sub> x H <sub>2</sub> O	2.00	mg
Agar (BD Bacto)	1.00	g
<b>Trace element solution SL-11</b>	1.00	ml
<b>Seven vitamins solution</b>	1.00	ml
Catalase (2000 U/ml)	1.00	ml
Distilled water	1000.00	ml

Dissolve ingredients except trace elements, vitamins and catalase, adjust pH to 7.2 - 7.4, bring medium to the boil and cool to room temperature under 100% N<sub>2</sub> gas atmosphere. Dispense under same gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. To complete the medium add trace elements, vitamins and catalase from sterile anoxic stock solutions prepared under 100% N<sub>2</sub> gas atmosphere. Vitamins and catalase should be sterilized by filtration. After inoculation, inject sterile air into the culture vessel up to about 20% of the total gas volume (i.e., 4 parts N<sub>2</sub> and 1 part air).