



Main sol. 1840

NaCl	240.00	g
K ₂ HPO ₄	2.50	g
KCl	5.00	g
NH ₄ Cl	0.20	g
Trace element solution	1.00	ml
Distilled water	999.00	ml

1. Adjust pH to 6.8 with 0.5 M KH₂PO₄.
2. Dispense into serum bottles (30 ml medium in 100 ml serum bottles, OR 15 ml in 50 serum bottles).
3. add 20% CO₂ to gas phase (in serum bottles)
4. Autoclave at 121 °C for 20 min.
5. Before inoculation add from sterile stock solutions per liter:

Vitamine mixture	0.50	ml/l
MgSO ₄ × 7 H ₂ O (1M in water)	0.08	ml/l
alkaline trace metal solution	0.50	ml/l
Na-thiosulfate (2M in water)	10.00	ml/l
NaHCO ₃ (8% in water)	10.50	ml/L