

**1290. ALKALIPHILUS HALOPHILUS MEDIUM****Solution A:**

NaCl	75.0	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	8.8	g
KCl	1.0	g
Yeast extract (OXOID)	10.0	g
Trypticase peptone (BD BBL)	10.0	g
Trace elements solution (see medium 141)	10.0	ml
Vitamins solution (see medium 141)	10.0	ml
Distilled water	950.0	ml

**Solution B:**

D-Glucose	2.5	g
Distilled water	25.0	ml

**Solution C:**

Na-Thioglycolate	0.5	g
Na-Ascorbate	0.5	g
Distilled water	25.0	ml

Dissolve ingredients of *solution A*, adjust pH to 8.0 with 1 N NaOH and boil medium for 1 min, then cool to room temperature under 100% N<sub>2</sub> gas atmosphere. Dispense *solution A* under same gas atmosphere in anoxic culture vessels (e.g., Hungate-type tubes) and autoclave. Prior to inoculation complete the medium by adding appropriate amounts of *solutions B* and *C* prepared under 100% N<sub>2</sub> gas and sterilized by filtration. Adjust pH of the completed medium to 8.0 with a sterile anoxic solution of 0.1 N HCl or 0.1 N NaOH, if necessary.