

652. HALOPHILE MEDIUM

NaCl	100.0	g
KCl	5.0	g
MgCl ₂ x 6 H ₂ O	5.0	g
NH ₄ Cl	5.0	g
MgSO ₄ x 7 H ₂ O	5.0	g
Yeast extract	5.0	g
Peptone (Difco)	5.0	g
Trace element solution	5.0	ml
1% Fe(III) citrate solution	5.0	ml
Distilled water	990.0	ml

Adjust pH to 7.5-8.0. Boil the medium for few minutes. Fill in tubes with rubber stoppers under nitrogen gas. Sterilize at 121°C for 15 min.

Trace element solution:

CuSO ₄ x 5 H ₂ O	1.0	mg
ZnSO ₄ x 7 H ₂ O	220.0	mg
CoCl ₂ x 6 H ₂ O	10.0	mg
MnCl ₂ x 4 H ₂ O	180.0	mg
Na ₂ MoO ₄ x H ₂ O	6.3	mg
Distilled water	1000.0	ml