

1431. ALKALOPHILIC HALOPHILE MEDIUM

Yeast extract	10.0	g
Casamino acid	7.5	g
Trisodium citrate	3.0	g
KCl	2.0	g
MgSO ₄ x 7 H ₂ O	1.0	g
MnCl ₂ x 4 H ₂ O	0.36	mg
FeSO ₄ x 7 H ₂ O	50.0	mg
NaCl	200.0	g
Na ₂ CO ₃	50.0	g

Liquid medium may be prepared by adding all components together. Agar (2%) medium should be prepared without Na₂CO₃ and sterilised by autoclaving. Add 20-30 ml of a sterile 10% Na₂CO₃ solution to the autoclaved medium containing agar so that the final pH is 9.0.