

372: HALOBACTERIA MEDIUM

This recipe contains strain-specific modifications for *Halalkalibacillus halophilus* DSM 18494 *

Final pH: * 9.0

Final volume: 1000 ml

Yeast extract (Fisher BioReagents BP1422)	5.00	g
Casamino acids	5.00	g
Na glutamate	1.00	g
KCl	2.00	g
Na ₃ -citrate	3.00	g
MgSO ₄ x 7 H ₂ O	0.20	g/l
NaCl	100.00	g/l
FeCl ₂ x 4 H ₂ O	36.00	mg
MnCl ₂ x 4 H ₂ O	0.36	mg
Agar	20.00	g
Distilled water	1000.00	ml

1. Add distilled water to give a final volume of 1000 ml.
2. Adjust pH to 7.0 - 7.2

* With 0.2g MgSO₄x7H₂O and 100g NaCl only. Adjust pH to 9.0 after sterilization by adding pre-calculated amounts of sterile Na-sesquicarbonate solution (see medium 31)