

1497. HALOARCHAEUM SALINUM MEDIUM**Mineral Salts Solution for solid Medium:**

L-Glutamic Acid	1.000	g
Trisodium Citrate Dihydrate	1.000	g
KH ₂ PO ₄	0.500	g
NH ₄ Cl	0.500	g
K ₂ SO ₄	2.500	g
MgCl x 7 H ₂ O	20.00	g
Casamino Acids	2.000	g
Yeast Extract (Oxoid)	1.000	g
FeSO ₄	0.002	g
Trace Elements (see below) (see medium 1396)	1.000	ml
Distilled Water	300.000	ml

NaCl	100.00	g
Agar	20.00	g
Distilled Water	200.00	ml

Mineral Salts Solution for liquid Medium:

L-Glutamic Acid	1.000	g
Trisodium Citrate Dihydrate	1.000	g
KH ₂ PO ₄	0.500	g
NH ₄ Cl	0.500	g
K ₂ SO ₄	2.500	g
MgCl x 7 H ₂ O	20.000	g
NaCl	100.000	g
Casamino Acids	2.000	g
Yeast Extract	1.000	g
FeSO ₄	0.002	g
Trace Elements (see below) (see medium 1396)	1.000	ml
Distilled Water	500.000	ml

Adjust to pH 5.5 with 10% KOH and sterilize by autoclaving.

Trace Element Solution:

CoCl ₂ x 6 H ₂ O	0.30	g
MnCl ₂ x 4 H ₂ O	0.10	g
ZnCl ₂	0.10	g

H ₃ BO ₄	0.02	g
Na ₂ MoO ₄ x 2 H ₂ O	0.10	g
NiCl ₂ x 6 H ₂ O	0.10	g
CuCl ₂ x 6 H ₂ O	0.01	g
AlCl ₃	0.04	g
Na ₂ WO ₄ x 2 H ₂ O	0.02	g
CaCl ₂ x 2 H ₂ O	1.00	g
BaCl ₂ x 2 H ₂ O	0.01	g
Na ₂ S ₂ O ₃ x 5 H ₂ O	2.00	g
Distilled Water	1000.00	ml
Adjust to pH 4.0.		