

158. THERMOPLASMA ACIDOPHILUM MEDIUM

(NH ₄) ₂ SO ₄	1.320	g
KH ₂ PO ₄	0.372	g
MgSO ₄ x 7 H ₂ O	0.247	g
CaCl ₂ x 2 H ₂ O	0.074	g
Trace element solution (see below)	10.000	ml
Yeast extract (Difco)	2.000	g
Glucose	20.000	g
Distilled water (freshly distilled)	1000.000	ml

Adjust pH to 1.0 with 1 N H₂SO₄. Stock solutions of yeast extract (10% w/v) and glucose (50% w/v) in water are sterilized separately by autoclaving and thereafter added to the sterile mineral salt medium.

Trace element solution:

FeCl ₃ x 6 H ₂ O	1.930	g
MnCl ₂ x 4 H ₂ O	0.180	g
Na ₂ B ₄ O ₇ x 10 H ₂ O	0.450	g
ZnSO ₄ x 7 H ₂ O	22.000	mg
CuCl ₂ x 2 H ₂ O	5.000	mg
Na ₂ MoO ₄ x 2 H ₂ O	3.000	mg
VO ₂ SO ₄ x 5 H ₂ O	3.800	mg
CoSO ₄ x 7 H ₂ O	2.000	mg
Distilled water	1000.000	ml