

1454. MEIOTHERMUS HYPOGAEUS MEDIUM

Bacto Yeast Extract (Difco)	1.00	g
Bacto Tryptone (Difco)	1.00	g
Sodium glutamate monohydrate	1.00	g
CaSO ₄ x 2 H ₂ O	0.06	g
MgSO ₄ x 7 H ₂ O	0.10	g
NaCl	8.00	mg
KNO ₃	0.10	g
NaNO ₃	0.69	g
Na ₂ HPO ₄	0.11	g
Trace elements solution (see below)(see medium 318)	10.00	ml
Agar (if needed)	20.00	g
Distilled water	1000.00	ml

Adjust pH to 7.5 with NaOH.

Trace element solution:

Nitrilotriacetic acid (NTA)	12.80	g
FeCl ₃ x 6 H ₂ O	1.35	g
MnCl ₂ x 4 H ₂ O	0.10	g
CoCl ₂ x 6 H ₂ O	24.00	mg
CaCl ₂ x 2 H ₂ O	0.10	g
ZnCl ₂	0.10	g
CuCl ₂ x 2 H ₂ O	25.00	mg
H ₃ BO ₃	0.01	g
Na ₂ MoO ₄ x 2 H ₂ O	24.00	mg
NaCl	1.00	g
NiCl ₂ x 6 H ₂ O	0.12	g
Na ₂ SeO ₄	4.00	mg
Na ₂ WO ₄	4.00	mg
Distilled water	1000.00	ml

First dissolve the nitrilotriacetic acid and adjust pH to 6.5 with NaOH, and then add minerals. Final pH 7.0.