

1401. MSYS MEDIUM

KH ₂ PO ₄	1.0	g
NaCl	0.2	g
MgCl ₂ x 6 H ₂ O	0.2	g
CaCl ₂ x 2 H ₂ O	0.045	g
(NH ₄) ₂ SO ₄	1.0	g
Yeast extract	0.5	g
Malate	1.0	g
Succinate	1.0	g
Trace elements solution (see below)	1.0	ml
Distilled water	1000.0	ml
pH 6.5		

Prepare the medium under a N₂ atmosphere.

Trace elements solution

Distilled water	1000.00	ml
Na ₂ -EDTA	5.00	g
FeCl ₂ x 4 H ₂ O	1.00	g
CoCl ₂ x 6 H ₂ O	110.00	mg
MnCl ₂ x 2 H ₂ O	30.00	mg
ZnCl ₂	50.00	mg
NiSO ₄ x 6 H ₂ O	30.00	mg
Na ₂ MoO ₄ x 2 H ₂ O	30.00	mg
H ₃ BO ₃	300.00	mg
CuCl ₂ x 2 H ₂ O	10.00	mg

Adjust pH to 6.0.