

651. R 8 A H MEDIUM

Malic acid	2.500	g
Yeast extract (Difco 0127)	1.000	g
(NH ₄) ₂ SO ₄	1.250	g
MgSO ₄ x 7 H ₂ O	0.200	g
CaCl ₂ x 2 H ₂ O	0.070	g
Fe(III) citrate	0.010	g
Na ₂ -EDTA	0.020	g
KH ₂ PO ₄	0.600	g
K ₂ HPO ₄	0.900	g
Trace elements (see below)	1.000	ml
Vitamin solution	7.500	ml
Distilled water	1000.000	ml

Neutralize malic acid with NaOH and adjust the pH of the completed medium for a final pH to 6.9.

Trace elements:

Fe(III) citrate	0.300	g
MnSO ₄ x H ₂ O	0.002	g
H ₃ BO ₃	0.001	g
CuSO ₄ x 5 H ₂ O	0.001	g
(NH ₄) ₆ Mo ₇ O ₂₄ x 4 H ₂ O	0.002	g
ZnSO ₄	0.001	g
EDTA	0.050	g
CaCl ₂ x 2 H ₂ O	0.020	g
Distilled water	100.000	ml

Vitamin solution:

Nicotinic acid	0.200	g
Nicotinamide	0.200	g
Thiamine-HCl x 2 H ₂ O	0.400	g
Biotin	0.008	g
Distilled water	1000.000	ml