

ATCC medium: 550 R 8 A H medium

Malic acid.....2.5 g
Yeast Extract (BD 212750).....1.0 g
(NH₄)₂SO₄.....1.25 g
MgSO₄ . 7H₂O.....0.2 g
CaCl₂ . 2H₂O.....0.07 g
Ferric citrate.....0.01 g
EDTA.....0.02 g
KH₂PO₄.....0.6 g
K₂HPO₄.....0.9 g
Trace Elements (see below).....1.0 ml
Vitamin Solution (see below).....7.5 ml
Distilled water to.....1.0 L

Neutralize malic acid with NaOH and adjust the pH of the completed medium to 6.9. Autoclave at 121C for 15 minutes.

Trace Elements:

Ferric citrate.....0.3 g
MnSO₄ . H₂O.....0.002 g
H₃BO₃.....0.001 g
CuSO₄ . 5H₂O.....0.001 g
(NH₄)₆Mo₇O₂₄ . 4H₂O.....0.002 g
ZnSO₄.....0.001 g
EDTA.....0.05 g
CaCl₂ . 2H₂O.....0.02 g
Distilled water.....100.0 ml

Vitamin Solution:

Nicotinic acid.....0.2 g
Nicotinamide.....0.2 g
Thiamine . HCl.....0.4 g
Biotin.....0.008 g
Distilled water.....1.0 L