

ATCC medium: 447 CP medium

NaNO₃0.38 g
CaCl₂ . 2H₂O0.017 g
MgSO₄ . 7H₂O0.038 g
K₂HPO₄0.038 g
Tris buffer.....0.25 g
NaCl.....0.013 g
Starch.....2.0 g
Peptone.....2.5 g
Solutions 1, 2, 3 and 4 (see below) each.....1.0 ml
Vitamin B12 (1000 mcg/ml).....2.0 drops
TC Vitamins Eagle 100X (Difco 5792).....5.0 ml
Distilled water.....1.0 L

Adjust pH to 8.7.
Autoclave at 121C for 15 minutes.

Solution 1:

EDTA.....5.0 g
KOH.....3.1 g
Distilled water.....100.0 ml

Solution 2:

FeSO₄ . 7H₂O4.98 g
Distilled water (acidified with 1.0 ml H₂SO₄)..1.0 L

Solution 3:

H₃BO₃1.14 g
Distilled water.....100.0 ml

Solution 4:

ZnSO₄ . 7H₂O0.88 g
MnCl₂ . 4H₂O0.144 g
MoO₃0.071 g
CuSO₄ . 5H₂O0.016 g
CoNO₃ . 6H₂O0.049 g
Distilled water.....100.0 ml