

ATCC medium: 708 Ethylene production medium for *Mucor*

Solution 1:

D-Glucose.....5.0 g
DL-Methionine.....5.0 g
Distilled water.....100.0 ml

Solution 2:

Sodium Nitrate.....3.5 g
Distilled water.....100.0 ml

Solution 3:

MgSO₄ . 7H₂O0.5 g
CaCl₂0.1 g
Ferric citrate . 5H₂O0.1 g
ZnSO₄ . 7H₂O0.05 g
MnCl₂ . 4H₂O0.05 g
CuCl₂ . 2H₂O0.005 g
Na₂MoO₄ . 2H₂O.....0.005 g
Na₂B₄O₇ . 10H₂O0.002 g
CoCl₂ . 6H₂O0.2 mg
Citric acid.....0.756 g
NaOH.....0.432 g
Distilled water.....700.0 ml

Solution 4:

KH₂PO₄5.0 g
Distilled water.....100.0 ml

Autoclave the above constituents of the medium separately and mix aseptically. Agar, Noble (BD 214230) at a 1% concentration may be added for a solid medium.