

ATCC medium: 207 Modified Starkey's medium C

Basal medium:

KH₂PO₄0.5 g
NH₄Cl1.0 g
Na₂SO₄1.0 g
CaCl₂ . 2H₂O0.1 g
MgSO₄ . 7H₂O2.0 g
Sodium lactate.....3.5 g
Yeast extract.....1.0 g
Tap water.....1.0 L

Adjust pH to 7.6 +/- 0.2. Autoclave 15 minutes at 15 lbs. Cool. Filter off precipitate. Readjust pH to 7.4. Resterilize 20 minutes at 10 lbs.

Separately prepare: sterile 2 N NaOH, filter-sterilized 7.5% L-cysteine . HCl, and filter-sterilized 1.0% ferrous ammonium sulfate.

Add the above solutions aseptically to 100 ml of the basal medium, just prior to use, in the following proportions:

L-cysteine solution.....1.0 ml
Ferrous ammonium sulfate.....5.0 ml

Adjust pH with sterile NaOH solution to 7.5 +/- 0.3.