

ATCC Medium: 1099 CYE Buffered Medium

Base Medium

Yeast Extract (BD 212750).....	10.0 g
Charcoal (Sigma C-5510).....	2.0 g
ACES Buffer.....	10.0 g
DI Water.....	980.0 ml

Adjust pH to 6.90 +/- 0.05 using KOH (pH is critical). Autoclave at 121°C. Cool to 50°C. Aseptically add Solutions A and B (see below). Recheck pH and adjust if necessary. Allow sample to cool to room temperature before reading pH. Keep charcoal in suspension when dispensing. **For solid medium, add 17 grams of Agar to base medium above.**

**Note: Medium should be wrapped in foil to protect from light.

**Note: Be sure to allow solid products adequate time to dry (at least two days). Agar will become soft and unusable if it does not dry properly.

Solution A

L-Cysteine HCl.....	0.4	g
DI Water.....	10.0	ml

Filter Sterilize.

Solution B

Fe-pyrophosphate.....	0.25g
DI Water.....	10.0 ml

Filter Sterilize.

Note: Keep soluble Ferric pyrophosphate dry and in the dark. Do not use if the chemical loses its green color and becomes brown or yellow. Do not heat over 60°C to dissolve. The mixture dissolves readily in a 50°C water bath.