

**ATCC medium: 1936 Modified MRS medium**

Tryptone (BD 211705).....10.0 g  
Beef extract.....5.0 g  
Yeast extract.....5.0 g  
Sodium acetate . 3H<sub>2</sub>O.....5.0 g  
Ammonium citrate.....2.0 g  
K<sub>2</sub>HPO<sub>4</sub> . 3H<sub>2</sub>O.....2.6 g  
MgSO<sub>4</sub> . 7H<sub>2</sub>O .....0.1 g  
MnSO<sub>4</sub> . 4H<sub>2</sub>O .....50.0 mg  
L-Cysteine . HCl.....0.5 g  
Tween 80.....1.0 g  
Agar.....15.0 g  
Distilled water.....900.0 ml

Adjust medium for final pH 6.3. Autoclave at 121C for 15 minutes. Cool to approximately 50C and aseptically add the following filter-sterilized solution:

Glucose.....7.0 g  
Fructose.....7.0 g  
Maltose.....7.0 g  
Sodium gluconate.....2.0 g  
Distilled water.....100.0 ml