

## **ATCC Medium: 2751 Modified Chopped Meat Medium w/ 10mM Maltose**

### **Chopped Meat Broth**

Ground beef (fat-free).....500.0 g  
Distilled water.....1000 ml  
1N NaOH.....25 ml

Mix meat, water and NaOH and bring to a boil with stirring. Simmer for at least 3 hours. Cool to room temperature, skim fat from surface, and filter. To filtrate, add sufficient distilled water to restore volume to 1.0 L.

To this filtrate, add:

### **Complete Medium**

Trypticase Peptone (BD 211921).....30.0 g  
Yeast Extract.....5.0 g  
K<sub>2</sub>HPO<sub>4</sub>.....5.0 g  
Maltose.....3.42 g  
0.025% Resazurin.....4.0 ml  
Agar (if necessary).....20.0 g

Boil and cool medium under 80% N<sub>2</sub>, 10% H<sub>2</sub>, 10% CO<sub>2</sub>, and add:

L-Cysteine HCl.....0.5 g  
Hemin Solution (see below).....10.0 ml  
Vitamin K1 Solution (see below).....0.2 ml

Adjust medium for final pH 7.0. Anaerobically dispense 7 ml into tubes.

### **Vitamin K1 Solution**

Vitamin K1.....0.15 ml  
95% Ethanol.....30.0 ml

Store solution in brown bottle under refrigeration. Discard after one month.

### **Hemin Solution**

Hemin.....50.0 mg  
1N NaOH.....1.0 ml  
Distilled water to.....100.0 ml

Autoclave complete medium at 121°C.