



PRODUCT INFORMATION

2xYT Medium Broth (SD7019)

Background:

YT and 2xYT medium are optimized for the growth and maintains of M13 phage or other filamentous ssDNA bacteriophages.

2xYT Medium is suitable for the preparation of E.coli strain infected with M13 bacteriophage.

Contents: (Per Liter)

Yeast Extract = 10.0g

Tryptone = 16.0g

Sodium Chloride = 5.0g

Storage:

Dehydrated media should be stored in a dry area at 18-25°C.

Prepared media should be stored at 2-8°C.

Method of Preparation:

1. Suspend 31 grams of 2xYT Medium Broth powder in 1Litter purified water.
2. Autoclave at 121°C for 15 minutes.
3. Allow the solution to cool to 50°C or below before adding antibiotics or additional nutritional supplements.

Quality Control:

All powders will have a light beige, free-flowing homogenous appearance.

All solutions will have a light to medium amber, clear appearance.

FOR LABORATORY USE ONLY