

Tryptone-sulfite-cycloserine AGAR base(TSC)

Cat: LB0690

Specification: 250g

Storage: Store at room temperature, and it is valid for 3 years.

Product Information:

Appearance (Character): Pink powder

Grade: BR

pH Value: 7.1 ± 0.1 , 25°C

Composition (g/L):

Peptone of pancreas	15.0
Soy bean peptone	5.0
Yeast powder	5.0
Sodium metabisulfite	1.0
Ferric ammonium citrate	1.0
AGAR AGAR	15.0
pH value	7.6 ± 0.2 , 25°C

Introduction:

Plate count for *Clostridium perfringens* (GB standard).

Instructions for use: (for reference only)

Weigh 47.0g of this product, heat and dissolve it in 1000ml distilled water, divide into 500ml flask, 250ml each, autoclave at 121°C for 15 minutes. When it is cooled to $50 \pm 1^\circ\text{C}$, add 20ml of 0.5% D-cycloserine solution filtered for sterilization into each 250ml medium, mix well and set aside.

Note: The medium contains a small amount of ferric ammonium citrate. After sterilization, there may be a trace of black precipitation. Shake well and use.

Protocols: (for reference only)

It is soluble in water at a concentration of 100mg/ml. After dissolution, sterilize by 0.22um filtration, sub-package, and store at -20°C for several months. When adding the culture medium, it is necessary to wait until the sterilized medium cools down to 40-50°C before adding it. The medium plate containing ampicillin can be stored for 2 weeks at 4°C.

It is recommended to use a concentration of 20-100µg/ml, and the specific concentration should be based on the actual situation.

Note:

1. Unless otherwise specified, the biochemical reagents produced by our company are generally

non-sterile packaged. If they are to be used for cell experiments, please conduct pretreatment in advance.

2. The product information is for reference only. If you have any questions, please call 400-968-6088 for consultation.
3. The products are all for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store them in ordinary residential areas.
4. For your safety and health, please wear laboratory clothes, disposable gloves and masks to operate.