



Guangdong Huankai Microbial Sci. & Tech.Co.,Ltd.

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HCM 001 Plate Count Agar

Usages:

For determination of total bacterial count (ISO) .

Principle:

Tryptone provide carbon and nitrogen; yeast extract powder provides B vitamins; glucose to provide energy, agar is the solidifying agent.

Formulation (per liter) :

Tryptone 5.0g

Yeast extract powder 2.5g

Glucose 1.0g

Agar 15.0g

Final pH 7.0 ±0.2

How to use:

1.Suspend 23.5g in 1 L of distilled water , stirring heated to boiling until completely dissolved, dispensing flask, 121 °C autoclave for 15min.

2.Diluted and treated samples.

Quality control:

Item	The name and number of strain	Growth	Colony
1	E.Coli ATCC8739	Good	white
2	Staphylococcus aureus ATCC6538	Good	yellow

Storage: Keep container tightly closed, store in a cool, dry place, away from bright light. Storage period of 3 years.

Specifications: 500g/bottle

Reference:

1.SN0168-92 People's Republic of China Import and Export Commodity Inspection industry standard export food plate count Determination of total bacteria.

2.GB13093-91 People's Republic of China national standard feed

3. GB4789.2-2010 People's Republic of China national standards for food safety standards of food hygiene microbiological testing colony count

4. GB / T 4789.2-2008 People's Republic of China national standards of food hygiene microbiological testing colony count

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5. SN / T 2098-2008 People's Republic of China Entry-Exit Inspection and Quarantine of the industry standards for food and cosmetics colony counting detection methods spiral plate method
- 6 ISO 4833-2003 Microbiology of food and animal feeding stuffs ----- Horizontal method for the enumeration of microorganisms ----- Colony-count technique at 30 °C.
7. ISO 17410: 2001 Microbiology of food and animal feeding stuffs ----- Horizontal method for the enumeration of psychrotrophic micro-organisms