

Sabouraud Dextrose Agar with Chloramphenicol

Product No. CM145A

Intended Use

Used for enumerating *fungi* in disposable sanitary products.

Specification 250 g

Ingredients	(g/L)
Peptone	10.0
Dextrose	40.0
Agar	20.0
Chloramphenicol	0.1

Additional Reagents

No

Principle and Interpretation

Peptone is used as a nutrient in the medium to provide nitrogen source, carbon source and growth factor for cell growth. Glucose as a carbohydrate; Agar as a coagulant; chloramphenicol can inhibit the growth of bacteria.

Directions

Suspend 70.0g of the powder in 1 L of distilled water. Heat with frequent agitation and boil to dissolve completely. Autoclave at 115°C for 15 minutes.

Precautions

No

Quality Control

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Microorganisms	Method	Incubation	Growth
<i>Saccharomyces cerevisiae</i> ATCC 9763	quantitative	28.0°C±1°C 72h	White round colony
<i>Aspergillus niger</i> ATCC 16404			White mycelium, black spores
<i>Candida albicans</i> ATCC 26790			White round colony

Storage Conditions

Store tightly closed in a cool, dry place.

Shelf Life

3 years.

For laboratory use in industry or R&D purpose. Not for drug, household or other uses.