Potato Dextrose Agar

Product No. CM123

Intended Use
Used for counting molds and yeasts. (GB)

Specification 250 g

Ingredients	(g/L)
Potato Extract	5.0
Dextrose	20.0
Chloramphenicol	0.1
Agar	20.0

Additional Reagents
No

Principle and Interpretation
Potato extract and glucose provide the carbon source, nitrogen source for bacterial growth; agar serves as a coagulant. Chloramphenicol can inhibit the growth of bacteria.

Directions
Suspend 40.1 g of the powder in 1 L of distilled water. Heat with frequent agitation and boil to dissolve completely. Autoclave at 121°C for 15minutes.

Precautions
No

Quality Control

Microorganisms	Inoculum (CFU)	Reference Medium	Method	Incubation	Growth (Productivity Ratio : PR)
Saccharomyces cerevisiae ATCC 9763	50-250	SDA	quantitative	28℃±1℃ 5d	PR≥0.7 Milky white colonies
Saccharomyces cerevisiae CICC 33471[CMCC(F)98017]					
Aspergillus niger ATCC 16404					PR ≥ 0.7, white mycelium, black spores
Aspergillus niger CICC 2089 [CMCC(F) 98029]					
Escherichia coli ATCC 25922	-	-	Simi-quantitative		G≤1
Escherichia coli CICC 25012 [CMCC(B) 43201]					
Staphyloccocus aureus ATCC 6538					G≤1
Staphyloccocus aureus CICC 25018 [CMCC(B) 26305]					

Storage Conditions

Keep container tightly closed and store in a cool dry place.

Shelf Life

3 years.

Related Products

Product No.	Product Name	Specification
CM123	Potato Dextrose Agar	250 g
GCM123	Potato Dextrose Agar	250 g
CM123-07	Potato Dextrose Agar	100 mL × 10
PB046	Potato Dextrose Agar Plates	20 plates

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

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