

Trypticase (Tryptic) Soy Agar (TSA)

Product No. CM168

Intended Use

Used for the pure culture of *Cronobacter*. (GB, SN, FDA BAM) Also used for cultivation of fastidious and nonfastidious microorganisms.

Specification 250 g

Ingredients	(g/L)
Tryptone	15.0
Papaic Digest of Soybean	5.0
Sodium Chloride	5.0
Agar	15.0
(pH7.3±0.2)	

Additional Reagents

No

Principle and Interpretation

Tryptone and Papaic Digest of Soybean, which provide bacteria with high nutrients nitrogen, amino acids and long chain peptides; Sodium chloride to maintain osmotic pressure; Agar is a coagulant.

Directions

Suspend 38.0g of the powder in 1 L of distilled water. Heat with frequent agitation and boil to dissolve completely. Autoclave at 121°C for 15 minutes.

Precautions

No

Quality Control

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Microorganisms	Inoculum (CFU)	Reference Medium	Method	Incubation	Growth
<i>Escherichia coli</i> ATCC 25922	50-250	TSA	quantitative	36.0°C±1°C 24h±2h	PR» 0.7
<i>Escherichia coli</i> CICC 25012 [CMCC(B) 43201]					
<i>Enterococcus faecalis</i> ATCC 29212					
<i>Enterococcus faecalis</i> CICC 25019 [CMCC(B) 32482]					

Storage Conditions

Store tightly closed in a cool, dry place.

Shelf Life

3 years.

Related Products

Product No.	Product Name	Specification
GCM168	Trypticase (Tryptic) Soy Agar (TSA)	250 g
PB039	Trypticase (Tryptic) Soy Agar (TSA)	10 plate x 2

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