PRODUCT INFORMATION

Bacillus cereus Agar

Cat. No. B02-101

Date of Issue:
10/01/17

DESCRIPTION

Agar medium used for selective isolation and determination of Bacillus Cereus.

PREPARATION

Mix 41 grams of the medium in 950 mL of purified water with repeated stirring to dissolve completely. Distribute and autoclave at 121°C for 15 minutes. After cooling to 45-50ºC add 50 mL of sterile egg yolk suspension and 2mL of a filter sterilized solution of Polymyxin B Sulfate (100,000 units).

Formula* per Liter:

Enzymatic Digest of Casein	1.0g
Sodium Chloride	2.0g
Magnesium Sulfate	0.1g
Mannitol	10.0g
Disodium Phosphate	2.5g
Monopotassium Phosphate	0.25g
Sodium Pyruvate	10.0g
Bromothymol Blue	0.1g
Agar	15.0g

Final pH: 7.2 ± 0.2 at 25°C

** Grams per liter may be adjusted or formula supplemented to obtain desired performance.*

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and greenish beige.
2. Visually the prepared medium is opalescent, and yellow green.
3. Expected cultural response after 18-48 hours at 30°C.

Organism:	**Result:**
Bacillus cereus ATCC® 11778	Good Growth, blue colonies w/halo
Bacillus cereus ATCC® 13061	Good Growth, blue colonies w/halo
Bacillus subtilis ATCC® 6633	Partial Inhibition, clear colonies

STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.

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