

Bacillus Cereus Selective Supplement

TN 1315 12 bottles 1 bottle for 0.5 l culture medium



Intended use

Used to inhibit accompanying flora during the selection of *Bacillus cereus* on Bacillus Cereus Agar (Base) (TN 1245).

Form

Lyophilisate

Colour

Whitish

Storage

Protected from light, at 2...8 °C.

Shelf life

3 years

Typical composition

Component	I.E./bottle
Polymyxin B sulfate	50000

Directions

Prepare base culture medium according to instructions, autoclave and cool down to ca. 50 °C. Dissolve the contents of two bottles of Bacillus Cereus Selective Supplement in 2 ml sterile distilled water each. Add these under aseptic conditions together with the contents of two bottles of Egg Yolk Emulsion (TN 1316) to 950 ml base culture medium. Mix well and pour plates.

Microbiological quality control

Incubate Bacillus Cereus Agar (Base) aerobically for 18-24 hours at 36 ± 1 °C.

Test strain	No.	Growth	Colony appearance
<i>Bacillus cereus</i>	ATCC 11778	very good	colonies are jagged; size ca. 2-5 mm; colour ranges from turquoise to peacock blue with grey centre; they are surrounded by an egg yolk precipitate with the same coloration
<i>Bacillus cereus</i> var. <i>mycooides</i>	clinical isolate	moderate, or no growth at all	yellow or culture medium-coloured colonies on unchanged culture medium
<i>Bacillus subtilis</i>	ATCC 6633	moderate, or no growth at all	yellow colonies on unchanged culture medium
<i>Pseudomonas aeruginosa</i>	ATCC 25668	moderate, or no growth at all	-
<i>Staphylococcus aureus</i>	ATCC 6538P	good	white or slightly yellowish colonies on unchanged culture medium
<i>Proteus mirabilis</i>	ATCC 29906	good	grey colonies on bright blue-green culture medium with small swarming coronas
<i>Proteus vulgaris</i>	clinical isolate	good	light grey colonies on unchanged culture medium
<i>Escherichia coli</i>	ATCC 25922	no growth	-

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