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OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
BRILLIANCE™ BACILLUS CEREUS SELECTIVE SUPPLEMENT SR0230E		

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SR0230E

Formula

Vial contents (each vial is sufficient to supplement 500ml of medium)

Polymyxin B	53,000 IU
Trimethoprim	5 mg

Description

A freeze-dried selective supplement for the isolation of *Bacillus cereus* in food.

Directions

Aseptically add 2ml of sterile distilled water to 1 vial and mix gently to dissolve. Aseptically add the vial contents to 500ml of sterile Brilliance™ Bacillus cereus Agar Base (CM1036) prepared as directed and cooled to 50°C. Mix well and pour into sterile Petri dishes.

Physical Characteristics

White crystalline pellet
Sterility - passes test

Microbiological Tests Using Optimum Inoculum Dilution

Control Medium: Tryptone Soya Agar

Reactions after incubation at 37°C for 24 ± 2 hours

Medium is challenged with 10-100 colony-forming units

<i>Bacillus cereus</i>	ATCC®10876	1-7mm blue/green colonies
<i>Bacillus cereus</i>	ATCC®14579	1-7mm blue/green colonies
<i>Bacillus cereus</i>	ATCC®10702	1-7mm blue/green colonies

A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium.

Medium is challenged with greater than 1E+04 colony-forming units


<i>Bacillus pumilus</i>	ATCC®7061	No growth
<i>Bacillus subtilis</i>	ATCC®6633	No growth
<i>Pseudomonas aeruginosa</i>	ATCC®27853	No growth or 2-3mm straw/yellow colonies

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<i>Escherichia coli</i>	ATCC® 25922	No growth or 1-2mm straw colonies
<i>Salmonella typhimurium</i>	ATCC® 14028	No growth or 1-2mm cream colonies
<i>Staphylococcus aureus</i>	ATCC® 25923	No growth or 1mm cream colonies
<i>Enterococcus faecalis</i>	ATCC® 29212	No growth

Negative strains are inhibited or shall produce at least a 2 log (10) reduction when compared to the control medium.

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Revision History

Section / Step	Description of Change	Reason for Change	Reference
Entire Document	Update to new document format and correction of typographical/minor errors. Addition of Control Medium and Result Criteria.	Change control	BT-CC-1918