

Technical Data Sheet

Product information

Product code	42-1245
Product name	Bacillus cereus Selective Agar PEMBA
Short name	PEMBA/PEMBA
Packing description (size, type, filling, amount)	90mm, Bi-Plates, 18ml, 10pc(s)

Intended user

Storage Conditions

Storage temperature	2-25°C
Storage conditions	Keep the products in a low humidity environment, protected from moisture and light.
Shelf Life	See expiry date on the label (valid for closed packaging).
Shelf life after production	10 Weeks

Typical Composition *)

Ingredient	Amount of	Per liter
Peptone	1	g
D-mannitol	10	g
Sodium pyruvate	10	g
Sodium chloride	2	g
Disodium hydrogen phosphate	2,5	g
Potassium dihydrogen phosphate	0,25	g
Magnesium sulphate, anhydrous	0,05	g
Bromothymol blue	0,12	g
Egg yolk emulsion	50	ml
Polymyxin B-Sulfat	12	mg
Agar	14	g

*) Adjusted as required to meet performance standards.

Analytical Performance characteristics

pH	7,2 +/- 0,2
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Colour	green
Clear	No
Particles	No

Microbiological Performance

Conditions:

Name	Incubation time	Incubation temp (°C)	Environment	Transfer	Incubation time	Incubation temp (°C)	Environment
inc-A	18 to 24 hours	37 +/-1	Aerobic				
inc-B	40 to 48 hours	37 +/-1	Aerobic				
Name	Microorganism	Identification number	Method	Specification	Electivity		
inc-A	Bacillus cereus	ATCC 11778 WDCM 00001 NCTC 10320	Productivity of solid media	Good growth	blue with zone		
inc-B	Escherichia coli	ATCC 25922 WDCM 00013 NCTC 12241	Selectivity of solid media	Complete inhibition			
inc-B	Bacillus subtilis	ATCC 6633 WDCM 00003 NCTC 10400	Specificity of solid media	Slight to good growth	white, no zone		

Microbiological Contamination

	Incubation time	Incubation temp (°C)	Transfer	Incubation time	Incubation temp (°C)	Specification
Inc-a	44 to 52 hours	30 +/- 1				No growth

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