

Technical Data Sheet

Product information

Product code	62-1137
Product name	Buffered Peptone Water
Short name	BPW
Packing description (size, type, filling, amount)	150mm, Tubes, 10ml, 40pc(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	52 Weeks

Typical Composition *)

Ingredient	Amount of	Per liter
Peptone	10	g
Sodium chloride	5	g
Disodium hydrogen phosphate anhydrous *	3,57	g
Potassium dihydrogen phosphate	1,5	g

*) Adjusted as required to meet performance standards.

* 3,57g Na₂HPO₄ is equivalent to 9,0 g Na₂HPO₄ x12H₂O

Analytical Performance characteristics

pH	7,1 +/- 0,1
Colour	yellow
Clear	Yes
Particles	No

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Microbiological Performance

Conditions:

Name	Incubation time	Incubation temp (°C)	Environment	Transfer	Incubation time	Incubation temp (°C)	Environment
inc-A	16 to 20 hours	37 +/-1	Aerobic				
inc-B	0 to 1 hour	22,5 +/- 2,5	Aerobic	Transfer	40 to 48 hours	37 +/-1	Aerobic

Name	Microorganism	Identification number	Method	Specification	Electivity
inc-A	Salmonella Enteritidis	ATCC 13076 WDCM 00030	Productivity of liquid media	Slight to good growth	
inc-A	Salmonella Typhimurium	ATCC 14028 WDCM 00031 NCTC 12023	Productivity of liquid media	Slight to good growth	
inc-B	Escherichia coli	ATCC 25922 WDCM 00013 NCTC 12241	Productivity of liquid media	Growth >=70%	
inc-B	Listeria monocytogenes	ATCC 35152 WDCM 00109 NCTC 7973	Productivity of liquid media	Growth >=70%	

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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