

Technical Data Sheet

Product information

Product code	77-1137
Product name	Buffered peptone water
Short name	BPW
Packing description (size, type, filling, amount)	5000ml, Bags, 5000ml, 2pc(s)
Intended use	Recommended as a diluent for the homogenization of samples in the microbiological test of foods.
Intended user	For professional use only.

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	18 Months

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 x 12H₂O

According To
ISO 6579-1:2017
ISO 6887-1:2017

Analytical Performance characteristics

pH	7,0 +/- 0,2
Colour	yellow
Clear	Yes

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Particles

No

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				

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	

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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