

# Technical Data Sheet

## Product information

Product code	79-1137
Product name	Buffered Peptone Water
Short name	BPW
Packing description (size, type, filling, amount)	5000ml, Bags, 5000ml, 1pc(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 Na<sub>2</sub>HPO<sub>4</sub> is equivalent to 9,0 g Na<sub>2</sub>HPO<sub>4</sub> x 12H<sub>2</sub>O

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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Date of creating: 10-05-2023

Version number: 1



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