

Technical Data Sheet

Product information

Product code	73-1137
Product name	Buffered Peptone Water
Short name	BPW
Packing description (size, type, filling, amount)	1000ml, Bottles, 900ml, 1pc(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	18 to 24 hours	37 +/-1	Aerobic				

Name	Microorganism	Identification number	Method	Specification	Electivity
inc-A	Salmonella Enteritidis	ATCC 13076 WDCM 00030	Productivity of liquid media	Good growth	
inc-A	Salmonella Typhimurium	ATCC 14028 WDCM 00031 NCTC 12023	Productivity of liquid media	Good growth	
inc-A	Staphylococcus aureus	ATCC 25923 WDCM 00034 NCTC 12981	Productivity of liquid media	Good growth	
inc-A	Bacillus subtilis	ATCC 6633 WDCM 00003 NCTC 10400	Productivity of liquid media	Good growth	
inc-A	Escherichia coli	ATCC 8739 WDCM 00012 NCTC 12923	Productivity of liquid media	Good growth	
inc-A	Pseudomonas aeruginosa	ATCC 9027 WDCM 00026	Productivity of liquid media	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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Contact:

Xebios Diagnostics Group GmbH
Tellerlingstrasse 49
45097 Düsseldorf, Germany
www.xebios.com
info@xebios.com
tel: +49 211 78 88 07 - 00

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