

# Technical Data Sheet

## Product information

|                                                      |                           |
|------------------------------------------------------|---------------------------|
| Product code                                         | B601.83.0225              |
| Product name                                         | Buffered Peptone Water    |
| Short name                                           | BPW                       |
| Packing description<br>(size, type, filling, amount) | 375ml, Jar, 225ml, 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 |
|-------------------------------|-----------|-----------|
| Enzymatic digest of casein    | 10        | g         |
| Sodium chloride               | 5         | g         |
| Di-sodium hydrogen phosphate  | 3,5       | g         |
| Potassium dihydrogenphosphate | 1,5       | g         |
| Demiwater                     | 1000      | ml        |

\*) Adjusted as required to meet performance standards.

## Analytical Performance characteristics

|           |             |
|-----------|-------------|
| pH        | 7,0 +/- 0,2 |
| 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     |          |                 |                      |             |

| Name  | Microorganism          | Identification number                  | Method                       | Specification         | Electivity |
|-------|------------------------|----------------------------------------|------------------------------|-----------------------|------------|
| inc-A | Salmonella Enteritidis | ATCC 13076<br>WDCM 00030               | Productivity of liquid media | Slight to good growth |            |
| inc-A | Salmonella Typhimurium | ATCC 14028<br>WDCM 00031<br>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: 01-11-2024

Version number: 1



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