Buffered Peptone Water (BPW)

TN1137 500 g
TN1137-01 5 kg

Intended use
Culture medium for use in the pre-enrichment of salmonellae from milk and dairy products and of other microorganisms from other foodstuffs.

Form
Powder

Color
Bright beige

Storage
Dry, tightly closed, at 10...30 °C.

Shelf life
5 years

Directions
Dissolve 20 g in 1 litre distilled water and autoclave at 121 °C for 15 minutes.

Typical composition

Component	g/l
Casein peptone	10,0
Sodium chloride	5,0
Disodium hydrogen phosphate	3,5
Potassium dihydrogen phosphate	1,5

Final pH at 25 °C
7.0 ± 0.2

Microbiological quality control

Test strain	CFU / 9 ml*	Growth	Incubation
Salmonella Abony NCTC 6017 WDCM 00029	10-100	**good**	aerobically, 18-24 h at 32,5 ± 2,5 °C
Salmonella Typhimurium ATCC 14028 WDCM 00031	10-100	**good**	aerobically, 18-24 h at 32,5 ± 2,5 °C
Salmonella Typhimurium ATCC 14028 WDCM 00031	≤ 100	**good**	aerobically, 16-20 h at 37 ± 1 °C
Salmonella Enteritidis ATCC 13076 WDCM 00030	≤ 100	**good**	aerobically, 16-20 h at 37 ± 1 °C
Escherichia coli ATCC 8739 WDCM 00012	≤ 100	**good**	aerobically, 16-20 h at 37 ± 1 °C
Escherichia coli ATCC 25922 WDCM 00013	≤ 100	**good**	aerobically, 16-20 h at 37 ± 1 °C

*) Reference medium used: TSA

Test strain	CFU / 9 ml	Incubation	Deviation in % 0 min vs. 120 min	Test method
Escherichia coli ATCC 8739 WDCM 00012	10^4	aerobically, 1 h at 20-22 °C	≤ ± 30 %	Plating onto TSA, Incubate aerobically for 24 ± 2 h at 30 ± 1 °C
Escherichia coli ATCC 25922 WDCM 00013	10^4	aerobically, 1 h at 20-22 °C	≤ ± 30 %	Plating onto TSA, Incubate aerobically for 24 ± 2 h at 30 ± 1 °C
Staphylococcus aureus ATCC 25923 WDCM 00034	10^4	aerobically, 1 h at 20-22 °C	≤ ± 30 %	Plating onto TSA, Incubate aerobically for 24 ± 2 h at 30 ± 1 °C

Datum der Fassung: 2026/01/30

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Test strain	CFU / 9 ml	Incubation	Deviation in % 0 min vs. 120 min	Test method
Listeria monocytogenes ATCC 13932 WDCM 00021	10^4	aerobically, 1 h at 20-22 °C	≤ ± 30 %	Plating onto TSA, Incubate aerobically for 24 ± 2 h at 30 ± 1 °C
Listeria monocytogenes ATCC 35152 WDCM 00109	10^4	aerobically, 1 h at 20-22 °C	≤ ± 30 %	Plating onto TSA, Incubate aerobically for 24 ± 2 h at 30 ± 1 °C

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