

Buffered Peptone Water

TN 1137 500 g
TN 1226 5 kg



Intended use

Culture medium for use in the preenrichment of salmonellae from milk and dairy products and of other microorganisms from other foodstuffs.

Form

Powder

Colour

Bright beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

5 years

Typical composition

Component	g/l
Casein peptone	10
Sodium chloride	5
Disodium hydrogen phosphate	3.5
Potassium dihydrogen phosphate	1.5

Directions

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

Final pH at 25 °C

7.0 ± 0.2

Microbiological quality control

Incubate Buffered Peptone Water aerobically for 18-24 hours at 36 ± 1 °C.

Test strain	No.	Inoculum (CFU/ 5 ml)	Growth
<i>Salmonella</i> Typhimurium	ATCC 14028	10-100	good
<i>Salmonella</i> Gallinarum	clinical isolate	10-100	good
<i>Staphylococcus aureus</i>	ATCC 9144	10-100	good
<i>Enterococcus durans</i>	ATCC 10541	10-100	good