



Reference : 02-497
Product :
WATER PEPTONE SALT

Scharlau Microbiology - Technical data sheet

Specification

Liquid medium for pre-enrichment of bacteria , in particular pathogenic members of enterobacteriaceae from food and clinical samples.

Formula * in g/L

Casein peptone..... 10.00
Yeast Extract..... 3.00
Sodium chloride..... 60.00

Final pH 7,5 ±0,2 at 25 °C

* Adjusted and /or supplemented as required to meet performance criteria

Directions

Add 73 g to 1 litre of distilled water. Mix well and distribute into suitable containers. Sterilize by autoclaving at 121°C for 15 minutes.

Quality control

Incubation temperature: 37°C ± 1°C

Incubation time: 18-24 h

Inoculum: Practical range 100 ± 20 CFU. Min. 50 CFU (Productivity) according to ISO 11133:2014/Amd 1:2018

Microorganism	Growth	Remarks
<i>Vibrio alginolyticus</i> ATCC® 17749	Good	-
<i>Vibrio parahaemolyticus</i> ATCC® 17802	Good	-
<i>Escherichia coli</i> ATCC® 35150 ser 0157 H7	Inhibited	-
<i>Escherichia coli</i> ATCC® 25922	Inhibited	-
<i>Staphylococcus aureus</i> ATCC® 25923	Poor to good	'

References

Schweizerisches Lebensmittelbuch (2002) 5th ed., chapter 56A.

Storage

For laboratory use only. Keep tightly closed, away from bright light, in a cool dry place (+4 °C to 30 °C).