

Peptone Water (NIER)



Medium used for the dilution of samples from water for pour plate method.

• CONTENTS (Liter)

Peptone 1.0 g
Final pH = 6.8 ± 0.2 at 25°C

• PROCEDURE

Suspend 1.0 G of powder in 1 L of distilled or deionized water. Heat to boiling until completely dissolved. Sterilize by autoclave at 121°C for 15 minutes. Cool to 45 - 50°C in water bath. Pour into tubes.

• INTERPRETATION

Peptone Water is a medium used for the dilution of samples from water for pour plate method. Peptone provides nitrogen, carbon, amino acids and minerals.

• TECHNIC

Dilute the specimen with peptone water. Refer appropriate references for recommended test procedure.

• QUALITY CONTROL FOR USE

Dehydrated medium

Appearance: free-flowing, homogeneous

Color: light beige

Prepared medium

Appearance: clear

Color: colorless

• STORE

The powder is very hygroscopic. Store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration are evident. Store prepared medium at 2 - 8°C.

• REFERENCES

1. ISO 7251 Microbiology-General guidance for enumeration of E. coli – MPN Technique. 1993-12-15.
2. O.M. 11/10/78: Limiti di cariche microbiche tollerabili in determinate sostanze alimentari evande. Gazzetta Ufficiale della Repubblica Italiana, n°346 del 13/12/78.
3. Refer to the NIER.

• PACKAGE

Cat. No : MB-P1038N
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500 G