

Veal Infusion Broth



Medium is used for the cultivation and enumeration of fastidious microorganisms.

• CONTENTS (Liter)

Veal Infusion from 500 g	10.0 g
Proteose Peptone No.3	10.0 g
Sodium Chloride	5.0 g
Final pH = 7.4 ± 0.2 at 25°C	

• PROCEDURE

Suspend 25.0 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. Mix well. Pour into tubes.

• INTERPRETATION

Veal Infusion Broth is a medium used for the cultivation and enumeration of fastidious microorganisms. Veal Infusion and proteose peptone No.3 provide carbon, nitrogen, vitamins and amino acids. Sodium chloride maintains the osmotic balance.

• TECHNIC

Inoculate the specimen using a sterile needle to the medium. Incubate at 35 ± 2°C for 18 - 48 hours. Refer appropriate references for recommended test procedure.

• QUALITY CONTROL FOR USE

Dehydrated medium

Appearance: free-flowing, homogeneous

Color: light beige

Prepared medium

Appearance : slightly opalescent

Color: light amber

Incubation conditions: 35 ± 2°C / 18 - 48 hours

Microorganism	ATCC	Inoculum CFU	Growth
<i>Neisseria meningitidis</i>	13100	≥10 ³	good
<i>Staphylococcus epidermidis</i>	12228	10 ² -10 ³	good
<i>Streptococcus mitis</i>	49456	10 ² -10 ³	good
<i>Streptococcus pneumoniae</i>	6305	10 ² -10 ³	good

• 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. Store prepared medium at 2 - 8°C.

• REFERENCES

1. Downes and Ito, 2001, Compendium of methods for the microbiological examination of foods, 4th ed. American Public Health Association, Washington, D.C.
2. Horwitz (Ed), 2007. Official methods of analysis of AOAC International, 18th ed, AOAC International, Gaithersburg, Md.

• PACKAGE

Cat. No : MB-V3065 Veal Infusion Broth	500 G
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