

Product Name : Gelatine Peptone Agar (Agar Gelisato)

Medium for the growth of non-fastidious microorganisms.

TYPICAL FORMULA (G/L)

Gelatin Peptone 5.0
Agar15.0
Final pH = 7.0 ± 0.2 at 25°C.

DIRECTIONS

Suspend 20.0 G of powder in 1 L of distilled or deionized water. Heat until completely dissolved. Sterilize in autoclave at 121°C for 15 minutes. Cool to 45-50°C. Dispense in petri dishes.

DESCRIPTION

Gelatine Peptone Agar (Agar Gelisato) is a medium for the growth of non-fastidious microorganisms, containing a pancreatic hydrolysate of gelatin with characteristics of low fertility as regards of microbial growth and with low cystine and tryptophan contents.

TECHNIQUE

Inoculate the medium by streaking with a sterile loop and incubate at 36 ± 1°C for 18-48 hours.

QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: light beige.

Prepared medium

Appearance: clear.

Color: very light amber.

Incubation conditions: 36 ± 1°C / 18-48 hours.

Microorganism	ATCC	Growth	Characteristics
<i>Escherichia coli</i>	25922	good	colorless
<i>Staphylococcus aureus</i>	25923	good	white
<i>Brucella suis</i>	13883	good	colorless

STORAGE

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 or contamination are evident. Store prepared plates at 2-6°C.

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REFERENCES

1. Eaton, A.D., L.S. Clesceri, and A.E. Greenberg (1995). Standards methods for the examination of water and wastewater, 19th ed.
2. Association of Official Analytical Chemists (1995). Bacteriological analytical manual , 8th ed.

PACKAGING

Cat. No : MB-G1054 Gelatine Peptone Agar (Agar Gelisato)	500 G
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