

GELATIN BACTERIOLOGICAL

Gelatine obtained by enzymatic hydrolysis of animal tissue.

USE

GELATIN BACTERIOLOGICAL is characterized by a high degree of purity, solubility and clarity and may be used as a solidifying agent, thanks to its melting point at 12% concentration which is between 28 and 30 °C. Or else may be incorporated into culture media to detect, by gelatinolysis, bacteria endowed with gelatinase activity. For example culture media prepared with gelatin were used in the study of the fibrinolytic activity of haemolytic streptococci.

PHYSICO-CHEMICAL CHARACTERISTICS

	Standard	Method
Solubility in water at 5%	Complete	Eur.Ph.3rd ed.
pH of 5% solution	7.3	Eur.Ph.3rd ed.
α-amino nitrogen AN	3.0%	Eur.Ph.3rd ed.
AN /TN x 100	21.0%	

TECHNIQUE

Gelatin Bacteriological can be used as an ingredient of dehydrated culture media and need dissolution in distilled or deionized water and sterilization by autoclaving.

QUALITY CONTROL

Dehydrated powder

Appearance: free-flowing, homogeneous.

Color: light beige.

STORAGE

The powder is very hygroscopic: store the powder at 10-30°C, 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.








REFERENCES

1. Pure Culture Study of Bacteria, 4: No. 3: (1939).
2. J. Exp. Med., 60: 255: (1934).

PRESENTATION

Product	REF	Σ
GELATIN BACTERIOLOGICAL	611002	500 g
GELATIN BACTERIOLOGICAL	6110025	5 Kg

TABLE OF SYMBOLS

LOT Batch code	 Caution, consult accompanying documents	 Manufacturer	 Contains sufficient for <n> tests	IVD <i>In Vitro</i> Diagnostic Medical Device
REF Catalogue number	 Fragile, handle with care	 Use by	 Temperature limitation	 Keep away from heat source