

BEEF EXTRACT

Dehydrate extract of bovine tissue.

PHYSIC-CHEMICAL CHARACTERISTICS

	Standard
Solubility in water at 5%	Complete
pH (5% solution)	7.0 ± 0.5
Loss on drying	≤ 6.0%
Total nitrogen	11.5-2.5%
α-amino nitrogen AN	3.5-4.5%
AN/TN x 100	28-39
Chloride (as NaCl)	≤ 7.0%

DESCRIPTION

BEEF EXTRACT is a dehydrated extract of bovine tissue used to prepare microbiological culture media.

PRINCIPLE

BEEF EXTRACT is usually used to replace infusion of meat.

PREPARATION

BEEF EXTRACT is usually employed in concentration of 0.3% in culture media.

TECHNIQUE

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

INTERPRETATION OF RESULTS

Refer to appropriate references for test results.

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.

WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product is designed for *In vitro* diagnostic use and must be used by properly trained operators only.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

REFERENCES

1. Standard methods for examination of water and sewage, 15th ed., 1980.
2. Standard methods for examination of dairy products, 9th ed., 1948.



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PRODUCT SPECIFICATIONS

NAME

BEEF EXTRACT

PRESENTATION

Dehydrated powdered

STORAGE

10-30°C

PACKAGE

Ref.	Content	Packaging
610497	500 g	500 g of powder in plastic bottle
620497	100 g	100 g of powder in plastic bottle
6104975	5000 g	5 kg of powder in plastic container

pH OF THE MEDIUM

7.0 ± 0.5

USE

BEEF EXTRACT is a dehydrated extract of bovine tissue used to prepare microbiological culture media

TECHNIQUE

Refer to technical sheet of the product

SHELF LIFE

4 years











QUALITY CONTROL

Dehydrated powder

Appearance: free-flowing, homogeneous

Colour: light brown

TABLE OF SYMBOLS

 LOT Batch code	 IVD <i>In vitro</i> Diagnostic Medical Device	 Manufacturer	 Use by	 Fragile, handle with care
 REF Catalogue number	 Temperature limitation	 Contains sufficient for <n> tests	 Consult instructions for use	 Keep away from heat sources



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