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TECHNICAL SHEET
TS 611005
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YEAST EXTRACT

Dehydrate auolyzed of *Saccharomyces cerevisiae*.

PHYSIC-CHEMICAL CHARACTERISTICS

	Standard
Solubility in water at 5%	Complete
pH (5% solution)	7.0 ± 0.2
Loss on drying	5.7%
Total nitrogen	10.0%
α-amino nitrogen AN	5.0%
Ash	14.9%

DESCRIPTION

YEAST EXTRACT is a dehydrated autolyzed of yeasts used in culture media in place of, or as an adjuvant to, beef extract.

PRINCIPLE

YEAST EXTRACT represents a good source of nitrogen and vitamins, particularly of hydrosoluble vitamins of B group.

PREPARATION

YEAST EXTRACT is generally employed in the concentration of 0.3-0.5%.

TECHNIQUE

YEAST 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. U.S. Department of Agriculture (1998) Microbiology laboratory guidebook 3rd ed. Food safety and Inspection service, USDA, Washington, DC.
2. Marshall (ed) (1993) Standard methods for the examination of dairy products, 16th ed. American Public Health Association, Washington, DC.

PRODUCT SPECIFICATIONS

NAME

YEAST EXTRACT

PRESENTATION

Dehydrated powdered

STORAGE

10-30°C

PACKAGE

Ref.	Content	Packaging
611005	500 g	500 g of powder in plastic bottle
621005	100 g	100 g of powder in plastic bottle
6110055	5000 g	5 kg of powder in plastic container

pH OF THE MEDIUM

7.0 ± 0.2

USE

YEAST EXTRACT is a dehydrated autolyzed of yeasts used in culture media in place of, or as an adjuvant to, beef extract

TECHNIQUE

Refer to technical sheet of the product

SHELFLIFE

4 years











QUALITY CONTROL

Dehydrated powder

Appearance: free-flowing, homogeneous

Colour: light beige

TABLE OF SYMBOLS

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

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