

**Yeast Extract**Dehydrated autolyzed of *Saccharomyces cerevisiae***PHYSIC-CHEMICAL CHARACTERISTIC**

Solubility in water at 5%	Complete
Loss on drying	5.7%
Total nitrogen	10.0%
$\alpha$ -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. It represents a good source of nitrogen and vitamins, particularly of hydrosoluble vitamins of B group. Yeast Extract can be used as an ingredient of dehydrated culture media and need dissolution in distilled or deionized water and sterilization by autoclaving.

**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.

**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 3<sup>rd</sup> ed. Food safety and Inspection service, USDA, Washington, DC
2. Marshall (ed) (1993) Standard methods for the examination of dairy products, 16<sup>th</sup> ed. American Public Health Association, Washington, DC

**PACKAGE**

Code	Content	Packaging
611005	500 g	500 g of product in plastic bottle
621005	100 g	100 g of product in plastic bottle
6110055	5000 g	5000 g of product in plastic bottle

**pH OF THE MEDIUM**7.0  $\pm$  0.2**SHELF LIFE**

4 years









**QUALITY CONTROL**

Dehydrated powder

Appearance: free-flowing, homogeneous

Colour: light beige

**TABLE OF SYMBOLS**

	Batch code		Consult instructions for use		Manufacturer		Contains sufficient for <n> tests
	Catalogue number		Temperature limitation		Use by		Keep away from heat sources