

Tryptose

Tryptose obtained by enzymatic hydrolysis of casein and animal tissue

PHYSIC-CHEMICAL CHARACTERISTIC

Solubility in water at 2%	Complete
Loss on drying	6.0%
Total nitrogen	11-13%
α -amino nitrogen AN	3.5-5.0%
Ash	Not superior to 22%

DESCRIPTION

Tryptose is a peptone obtained by the enzymatic hydrolysis of a mix containing meat, yeast and casein. It is utilized for the growth and isolation of fastidious microorganisms. Tryptose is recommended in media with blood to put into evidence the haemolytic reactions and is used in media for testing indole production. Tryptose 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, 3rd ed. Food safety and Inspection service, USDA, Washington, DC
2. Casman (1942) J. Bacteriol. 43: 33

PACKAGE

Code	Content	Packaging
611008	500 g	500 g of product in plastic bottle

pH OF THE MEDIUM7.0 \pm 0.2**SHELF LIFE**

4 years









QUALITY CONTROL

Dehydrated powder

Appearance: free-flowing, homogeneous

Colour: 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