

Technical Data Sheet

Yeast extract for biotechnology Fermtech®

Catalogue number: 117257

Description

Yeast extract is a water-soluble peptone like derivative of yeast (*Saccharomyces*) cells. Our Yeast extract for biotechnology (Cat. No. 117257) is prepared by autolysis of the cells. The autolysis is carefully controlled to preserve the naturally occurring vitamins. After the autolysis, the yeast extract is separated, concentrated and then filtrated. In a following heat treatment step, spoilage and pathogenic microorganisms are destroyed. After another concentration step the product is finally spray dried.

Application

Our Yeast extract for biotechnology is a high-quality source for nitrogen, vitamins and further essential elements. In particular it is suitable for several applications in biopharmaceutical production, like vaccines, antibiotics, insulin or hormones. The high solubility of the product allows application in downstream processing.

Typical Analysis

Appearance	Brownish-yellow, fine powder
pH-value	6.7 – 7.3
Total nitrogen (N) (calculated on dried substance)	≥ 10.7%
Amino nitrogen	≥ 4.8%
Sulfated ash (800 °C)	≤ 18.0%
Loss on drying	≤ 6.0%

Ordering Information

Product	Cat. No.	Pack content
Yeast extract for biotechnology Fermtech®	1172571000	1 kg
	1172579025	25 kg

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