

Technical Data Sheet

M-Gredient® Yeast Extract A2

Prime, for Biotechnology and Microbiology

Catalogue number: 113885

Description

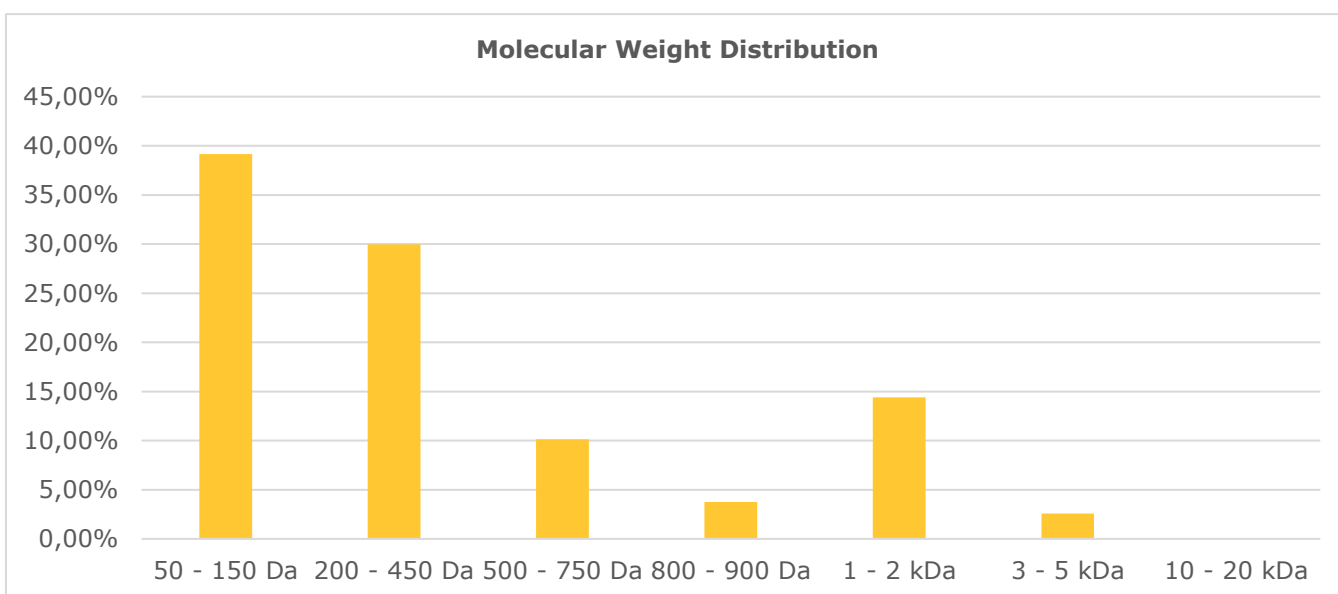
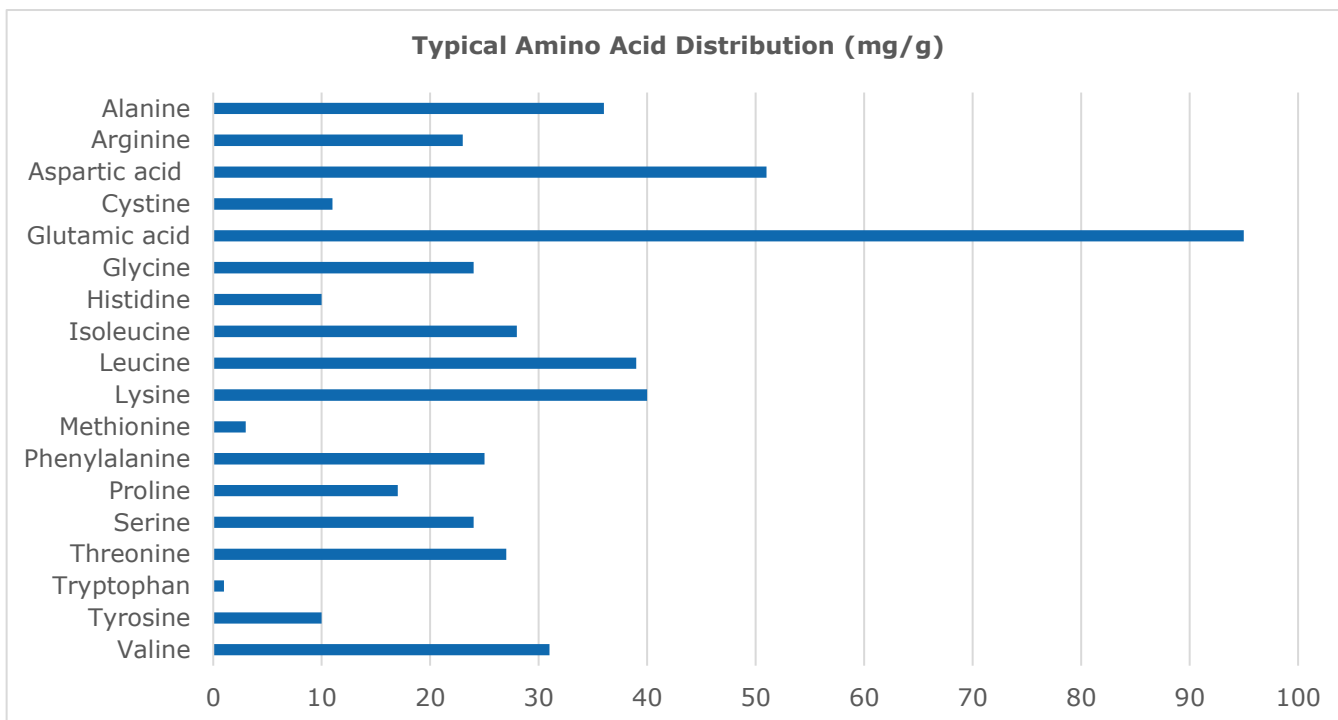
Yeast extract is a water-soluble derivative of yeast (*Saccharomyces*) cells. Our M-Gredient® Yeast Extract A2 Prime, for Biotechnology and Microbiology (Cat. No. 113885) is prepared by autolysis of a specifically selected yeast strain grown on a molasses-based media. The autolysis is carefully controlled to preserve the naturally occurring vitamins. After the autolysis, the yeast extract is separated, concentrated and then filtrated. In a next heat treatment step, pathogenic and spoilage microorganisms are destroyed. After another concentration step the product is spray dried.

Application

Our M-Gredient® Yeast Extract A2 is a high-quality source for nitrogen, vitamins and further essential elements. In particular it is suitable for the use in culture media preparation for microbiological or biotechnological applications, as fast microbial growth is facilitated with it. In media solutions it appears clear and bright and it can be well mixed also with other media components.

Product Characteristics

Specified in CoA	Appearance	Brownish-yellow fine powder
	Identity (NIR)	passes test
	pH-value (2% water)	5.5 – 7.2
	N (Nitrogen) (calculated on dried substance)	≥ 10.5%
	Assay (ex N, calc. on dried substance)	≥ 65.0%
	Sulfated ash (600 °C)	≤ 17.0%
	Loss on drying (50 °C; < 670 Pa; 3 h)	≤ 5.0%
	Ca (Calcium)	≤ 0.05%
	Mg (Magnesium)	≤ 0.10%
	Phosphorous compounds (as P)	≤ 2.5%



Ordering Information

Product	Cat. No.	Pack content
M-Gredient® Yeast Extract A2 Prime, for Biotechnology and Microbiology	1138859010	10 kg
	1138859025	25 kg

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