



Product specification Enerzym[®] Crystal

Description:	Enerzym [®] Crystal is a special enzyme for complete starch degradation in beverages and base substances	
Composition:	Water, alpha-Amylase, Sodium chloride, glucose, Sodium benzoate 0.50 %, Potassium sorbate 0.30 %.	
Biological origin:	Production from fermentation of <i>Aspergillus niger</i> . The enzyme protein is separated from the production organism and purified.	
Activity:	α -amylase min. 450 s-Amylase-U/ml according to Erbslöh method EINECS number: 232-565-6 IUB number: 3.2.1.1 CAS number: 9000-90-2	
Density:	1,1 – 1,3 g/ml	
Chemical Purity:	Arsenic (As):	< 3 ppm
	Lead (Pb):	< 5 ppm
	Cadmium (Cd):	< 0.5 ppm
	Mercury (Hg):	< 0.5 ppm
Microbiological purity:	Total plate count:	< 5 x 10 ⁴ CFU/ ml
	Coliforms:	< 30 CFU/ ml
	E. coli:	negative in 25 g
	Salmonella:	negative in 25 g
	Antibacterial activity:	negative in test
	Mycotoxins:	negative in test

Enerzym[®] Crystal complies with the requirements for enzymes for use in food.

Our enzymes are approved in the European Union according to EU Regulation 1332/2008 as food enzymes or according to EU Regulation 1333/2008 as food additives for the treatment of foodstuffs and comply with the specifications of the JECFA in the respective current version.

National regulations are to be checked by the user.

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Version 005 – 04/2023 FBu – Druck: 22.05.2023