



## Product specification Enerzym® P7

Description:	EnerZym® P7 is a neutral bacterial protease for protein degradation in vegetable raw materials.	
Composition:	Glycerol, Water, Sorbitol, Protease.	
Biological origin:	Production from fermentation of <i>Bacillus amyloliquefaciens</i> . The enzyme protein is separated from the production organism and purified.	
Activity:	Protease	
	Activity:	min. 3000 PNU-U/ml according to Erbslöh method
	EINECS number:	278-547-1
	IUB number:	3.4.24.28
	CAS number:	76774-43-1
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 <sup>4</sup> 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® P7 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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