



## Product specification

### e.Clean Membrane

Description:	e.Clean Membrane is an enzyme formulation for the degradation of filtration-inhibiting substances on crossflow membranes in beer, fruit juice and wine filtration.	
Composition:	Water, glycerol, glucanase, protease, amylase, xylanase, potassium chloride 10 %, sodium benzoate max. 0.3%, potassium sorbate max. 0.15%	
Biological origin:	Production from fermentation of <i>Trichoderma longibrachiatum</i> , <i>Penicillium funiculosum</i> , The enzyme protein is separated from the production organism and purified.	
Activity:	$\beta$ -Glucanase min. 6500 Barley-U/mL according to Erbslöh method EINECS-Nummer: 263-462-4 IUB-Nummer: 3.2.1.6 CAS-Nummer: 62213-14-3	
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

e.Clean Membrane 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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