



Product specification

e.Clean Tools

Description:	e.Clean Tools is a surface cleaning blend of specialised enzyme activities for dissolving long adhering plant matter in typical fruit and vegetable processes.	
Composition:	Water, glycerine, sucrose, sodium chloride, β Glucanase, pectinase, potassium sorbate max. 0.25 %	
Biological origin:	Production from fermentation of <i>Aspergillus aculeatus</i> , <i>Aspergillus niger</i> . The enzyme protein is separated from the production organism and purified.	
Activity:	Pectinase min. 100 ASV-U/mL, according to Erbslöh method EINECS number: 232-885-6 IUB number: 3.2.1.15 CAS number: 9032-75-1 β – Glucanase min. 800 Barley-Gluc-U/mL according to Erbslöh-method EINECS- number: 263-462-4 IUB- number: 3.2.1.6 CAS- number: 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 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

e.Clean Tools 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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