



Fructozym[®] UF

Product Description

Fructozym[®] UF is a liquid, concentrated pectolytic enzyme preparation to increase the flux rate of ultrafiltration plants.

Permitted according to the laws and regulations currently in force. Purity and quality are proved by specialized laboratories.

Aim of Treatment

- improved filtrability of juices
- increase of flux rate of ultrafiltration plants and prolonged operating time of the membranes between two cleaning cycles.

Special enzyme for improved filtration in ultrafiltration plants

Product and Effect

Besides its efficient pectinase main activity, Fructozym[®] UF possesses additional enzyme fractions which are specifically needed to eliminate filtration-inhibiting polymer juice colloids that cannot be degraded by normal pectinases. Most efficiently, Fructozym[®] UF is applied, already in the course of juice treatment, in combination with pectin and starch degrading clarification and filtration enzymes, for instance Fructozym[®] P or Fructamyl[®] FHT. Of course, it can also be applied solely, subsequently to the usual juice enzymatization. In this case, the enzyme solution is added into the buffer tank of the ultrafiltration plant (observe contact time !).

Dosage

Enzyme dosages depend on raw material, degree of maturity, temperature and reaction time.

Standard guide values at 45-55 °C and reaction time of ½-1 h:	
fruits	mL/1000 L juice
apples (10-15 °Bx)	50-80
apples (20-25 °Bx)	120-150
grapes (white)	150-200

Application

Fructozym[®] UF is diluted with cold tap water to a 5-10 % solution. Dosage is made directly into the juice line after the aroma recovery unit or is added as first component into the enzymatization tanks or into the buffer tank of the ultrafiltration plant.

Storage

Store in a cool place. Reseal opened packagings immediately and tightly and use up within a short time.

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Our technical product leaflets and the treatment recommendations they contain, are based on our current knowledge and experience and we make all reasonable efforts to ensure the accuracy of the information it provides. But since pre-treatment is mostly unknown to us and moreover imponderabilities with regard to the natural products to treat have to be taken into consideration, the advice given provides general information and serves for your consultation. Without a separate, written statement from our side on a defined matter or problem, the information provided should not be relied upon as legal advice or regarded as a substitute for legal advice and is without liability. The information provided is in accordance with the law in force of the Federal Republic of Germany and the EU. In addition, our general terms of business apply.
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