



ENDOZYM® Cloudy PR

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 Enzymatic preparation for the stabilisation of "cloudy" citrus juices

→ DESCRIPTION

ENDOZYM® Cloudy PR is a highly concerted mixture of pectolytic enzymes that allows modifying the degree of methylation of the in-solution pectins in the cloudy concentrated juices without ever reaching their complete hydrolysis. Therefore, this process allows obtaining more stable cloudy juices and to avoid possible sedimentation.

The use of **ENDOZYM® Cloudy PR** offers the following advantages:

- Extremely quick stabilisation
- Highly concerted product that allows low dosages of use

→ COMPOSITION AND TECHNICAL CHARACTERISTICS

Enzyme preparation comprising Pectinesterase (PE), Polygalacturonase (PG) and Pectin lyase (PL) of fungal origin. Optimal conditions of use:

- Temperature between 45 and 60°C. However, the compound is active at temperatures between 25 and 65°C
- pH between 4 and 5. The compound is active at pH between 2.5 and 4.5

→ DOSAGE AND PROCESSING TIME

With a 3-10 ml/hl dose, it is possible achieve the complete stabilisation of the cloudy juice within a time window ranging from 60 to 120 minutes. Dose and processing time may vary according to the temperature of the compound and the nature of the fruit whose juice is to be treated.

→ METHOD OF USE

We recommend diluting the preparation up to 10 times its volume in demineralised water before adding to the juice to be treated.

Reference: ENDOZYM_CLOUDY_PR_TDS_EN_1181021_JUICES_Italy





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→ ADDITIONAL INFORMATION

ENDOZYM® Cloudy PR complies with EC standards and meets the characteristics required by the WHO, FAO, JECFA and FCC concerning food-grade enzymes.

Both pectolytic enzymes are produced by the microorganism of natural origin *Aspergillus Niger* (GMO free, NO self-cloning).

Microbiological purity:

Live mesophilic aerobic microorganisms <50,000/g

Enterobacteriaceae <10/g

Coliform bacteria <30/g

Salmonella negative in 25 g

Staphylococcus aureas absent in 1 g

Antibacterial activity: negative

Mycotoxins absence of declarable quantities

Reduced sulphates <30/g

Heavy metals:

Cadmium <0.5 mg/kg

Mercury <0.5 mg/kg

Arsenic <3 mg/kg

Lead <5 mg/kg

→ STORAGE AND PACKAGING

Store in its original sealed packaging, away from light, in a cool, dry and odour-free place and at temperatures between 5 and 15°C. Do not freeze.

Do not use beyond the expiry date printed on the packaging. To be used immediately after opening.

25 net kg plastic basket.