

SPECIFICATION SHEET

LALLZYME PL-PG™

FOR OENOLOGICAL USE

Enzymatic preparation, for must and fruit juice depectinization, derived from selected strains of *Aspergillus niger*. Containing pectinases activities (EC 4.2.2.10). Packaged in a plastic jar.

60083-27-40: 1x25 kg plastic jar

PHYSICAL PROPERTIES

APPEARANCE

- Brown colour
- Liquid

INGREDIENTS

- Enzyme solution, glycerol, ammonium sulfate and potassium sorbate.

PRODUCT SPECIFICATIONS (in compliance with OIV Codex)

Polygalacturonase (Pectinase).....	≥ 5000 PGLAL u/g
Coliforms.....	< 30 CFU/g
<i>E. coli</i>	Absent in 25 g
<i>Salmonella</i>	Absent in 25 g
Antimicrobial activity.....	Non-detectable
Mycotoxins.....	Non-detectable
Lead.....	< 5 mg/kg
Mercury.....	< 0.5 mg/kg
Arsenic.....	< 3 mg/kg
Cadmium.....	< 0.5 mg/kg

INSTRUCTIONS FOR USE

Dosage: 3 - 5 g / hL for optimal conditions
5 - 8 g / hL for extreme conditions

Add LALLZYME PL-PG™ as soon as possible, directly to the depectinization tank.

For a better mixing, dilute the enzyme preparation in 10 times the volume of water or juice.

The activity starts from 10 °C (50 °F); the temperature influences the dosage of the enzyme and the treatment time.

The range of conditions are:

- temperature between 15-55 °C (59-140 °F) – optimum 25-45 °C (77-131 °F)
- pH between 2.9 and 5.5 - optimum 3.5-5.5

The treatment time and dosage are influenced by the temperature and pH, 2-3 hours under optimal conditions, as long as 24 hours under more extreme conditions.

STORAGE & SHELF LIFE

Store in a cool and dry place, preferably between 4 to 8 °C (39 - 46 °F).

Shelf life: 2 years in original sealed packaging.

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This document is valid until further notice or otherwise indicated. For any questions regarding this product, please contact your local representative.