



## NATUZYM<sup>®</sup> AROM

### Data Sheet

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#### Enzyme $\beta$ -glucosidase for the aroma extraction in wine.

**Description:**

NATUZYM<sup>®</sup> AROM is a highly concentrated  $\beta$ -glucosidase enzyme produced from selected strains of *Aspergillus niger*. NATUZYM<sup>®</sup> AROM has been developed especially for the aroma extraction at the end of fermentation. It contains different activities:  $\beta$ -glucosidase ( $\beta$ d GLU, IUB 3.2.1.21), that is the main activity, allows releasing the aromatics components in wine. The Pectin-lyase (PL, IUB 4.2.2.10) fundamental to break down the esterified pectins; the Polygalacturonase (PG) rich in endo – PG activity that in synergy with the (PL) performs quick clarifications and help the wine filterability; the Arabanase (AR) that degrade the ramified parts of the pectins; the Pectinesterase (PE) that support the PG breaking down pectins. The enzyme has been purified from cinnamyl-esterase activity.

**Activity & regulatory aspects:** NATUZYM<sup>®</sup> AROM is a liquid  $\beta$ -glucosidase enzyme standardized with KCL and stabilized with potassium sorbate at minimum activity of 2000  $\beta$ -d-GLU units/g.

**Application & Dosage:** NATUZYM<sup>®</sup> AROM is very active at the end of fermentation. Add (after dilution at 5% in water) directly into the must or wine, and well homogenized into the mass.

Application	Dosage	Recommendation
Must at the end of fermentation	3–5 g/hl	Minimum residual of sugar

**Packaging and storage:** NATUZYM<sup>®</sup> AROM is in 1 kg bottle, 25 kg drum and 1000 kg IBC container and is best stored in the original packaging in a cool and dry place (4- 8°C) in order to maintain the maximum activity during 18 months.

Made in CE for **OenoBioTech SAS**

Product for food use, for professional and oenological use only. Not for retail sale; for professional use only, according to current legislation.

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