



ENDOZYM® Alphamyl SB1

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Enzymatic preparation for malt with limited enzymatic activity and to enhance the extraction of unmalted cereals.
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→ TECHNICAL DESCRIPTION

ENDOZYM® Alphamyl SB1 is an enzymatic preparation with thermostable α -amylase activity that promotes starch hydrolysis and its rapid transformation into soluble maltose, glucose and dextrins.

In addition, **ENDOZYM® Alphamyl SB1** can work at high temperatures so as to allow, during mashing, the extraction of fermentable sugars from unmalted cereals.

ENDOZYM® Alphamyl SB1 is a brown solution with a 1.14 density.

Its general activity leads to a reduction in the viscosity of the must and an increase in the efficiency of the operations performed in the cooking room.

The enzyme contained in this formulation is produced by the controlled fermentation of a bacterial strain of *Bacillus licheniformis*.

→ COMPOSITION AND TECHNICAL CHARACTERISTICS

ENDOZYM® Alphamyl SB1 is composed of thermostable α -amylase.

The optimal conditions for enzymatic activity are:

- Temperature between 75 and 105°C;
- pH between 5 and 7

→ DOSAGE

20-30 ml per hundred kg of malt

→ INSTRUCTIONS FOR USE

The product is added to the mixing water and homogenised to facilitate its action. The completion of the enzymatic action is confirmed by the disappearance of the iodine reaction. The subsequent boiling of the must results in the total inactivation of the enzyme.

Handling requires the use of PPE and knowledge of the information provided in the safety data sheet.





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→ STORAGE AND PACKAGING*

ENDOZYM® Alphamyl SB1 is a very stable preparation; 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. Observe the expiry date indicated on the packaging. To be used immediately after opening.

25 kg net drums.

4 x 1 net kg bottle carton.

4 x 250 net kg bottle carton.

* The size varies according to the country of origin. For exact quantities and sizes, please contact our technical sales office or your local branch.

Reference: ENDOZYM_ALPHAMYL_SB1_TDS_EN_1110122_BEER_Italy

