



Product Information Sheet

Baketec-AX

An Enzyme Supplies α -amylase/hemicellulase preparation for the baking industry

INTRODUCTION

Baketec-AX is an enzyme preparation of α -amylase and xylanase (hemicellulase) activity. It is produced by the solid-state fermentation of *Aspergillus spp.*

- IUB-No. 3.2.1.1 / 3.2.1.8

TYPICAL CHARACTERISTICS

Activity minimum: α -amylase 250 FAU/g + xylanase 650 AXA/g
Appearance – beige powder (wheat carrier)

APPLICATION SCOPE

Baketec-AX is a combination of alpha amylase and hemi-cellulases selected for the modification of starch and non-starch polysaccharides, (nsp's), in flour.

The advantages of Baketec-AX in bread making are:

- Improvement of bread volume and dough handling
- Improvement of dough development and gluten extensibility
- Improvement of the appearance of bread (volume, colour symmetry)
- Improvement of crumb softness and crust aspect.

Baketec-AX is convenient for all bread making process and specially recommended for good quality flours improved with 5-15 g ascorbic acid per 100 Kg flour

DOSE RECOMMENDATION

The dosage of Baketec-AX is between 8g and 12g per 100 Kg flour depending on the flour quality and the bread making process. The optimum should be determined through testing in the specific application area

PACKAGING

Baketec-AX is supplied in poly-lined 25Kg cardboard boxes

STORAGE STABILITY

When stored at temperature below 20 °C and in a dry place, Baketec-AX shows no significant loss in activity over a period of two years

CONFORMITY:

Baketec-AX conforms to all relevant International standards including FAO, WHO, JECFA and FCC specifications

SAFETY AND ENZYME HANDLING

Inhalation of dust from powder enzymes should be avoided. Open in a well-ventilated environment. In case of contact with skin/eyes, promptly rinse with water for at least 15 minutes. Clean any spillages with low-pressure water hoses, avoiding the formation of aerosols. For more detailed information please refer to the Material Safety Data Sheet for this product.

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