

# VERON<sup>®</sup> 292

## Description and Specification

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### Description

VERON<sup>®</sup> 292 is a hemicellulytic enzyme preparation for the treatment of flours. The enzyme is obtained from specific cultures of *Aspergillus niger*. It contains additional bacterial xylanase.

- IUB-No.: 3.2.1.8
- CAS-No.: 9025-57-4

### Properties

The product has the following characteristics

- a) solid product
- b) light beige coloured with aromatic smell

### Activity

VERON<sup>®</sup> 292 contains a declared minimum activity of 1701 XylH g<sup>-1</sup>.  
1 XylH corresponds to that enzyme activity which releases from xylan a quantity of reducing groups equivalent to 1 µMol xylose / min. at 30 °C under standard conditions using the hydrazid method.

### Application

VERON<sup>®</sup> 292 is used for the treatment of flour. It can be added to bread improvers, which are used in the baking of breads and rolls. VERON<sup>®</sup> 292 is an enzyme preparation with excellent properties to improve dough and fermentation stability and baking volume. Flour treatment with VERON<sup>®</sup> 292 ensures dry and fluffy doughs, easily processable doughs and a better break-and-shred.

### **Dosage**

3 – 5 g / 100 kg flour

The optimum dosage should be determined by means of baking tests.

### **Specification**

The product fulfils the requirements of the FAO/WHO's Joint Expert Committee for Food Additives (JECFA) and Food Chemicals Codex (FCC).

The total viable counts are within the upper limit of  $5 \times 10^4 \text{ g}^{-1}$

E.coli:  $<10 \text{ g}^{-1}$  (according to method ISO 7251:1993)

### **Storage**

Stored in a dry place at room temperature the activity loss will be less than 10 % within one year.

### **Handling**

When handling enzyme products in powder form, direct skin contact and dust formation should be avoided. Enzymes may irritate the skin and eyes; the inhalation of enzyme dust may provoke sensitisation of the respiratory organs.

For further details on the safe handling of our products, please consult our safety data sheet and the technical information sheet "Precautionary measures when handling enzyme products in powder form."