

**endo-1,4 β-MANNANASE (*Aspergillus niger*)**

08/23

**Non-recombinant****E-BMANN**

EC: 3.2.1.78

**Synonyms:** mannan endo-1,4-beta-mannosidase; 4-beta-D-mannan mannanohydrolase**CAZy Family:** GH26**CAS:** 37288-54-3**Refer to the product lot number Certificate of Analysis for lot specific properties.****PROPERTIES****1. ELECTROPHORETIC PURITY:**

- Single band on SDS-gel electrophoresis (MW = 48,000)
- Single major band on isoelectric focusing (pI = 3.6)

**2. PHYSICOCHEMICAL PROPERTIES:**

Recommended conditions of use are at pH 4.0 and up to 40°C

pH Optima: 3.9

pH Stability: 3.0-8.0

Temperature Optima: 60°C

Temperature Stability: &lt; 70°C

**3. STORAGE CONDITIONS:**

The enzyme is supplied as an ammonium sulphate suspension in 0.02% sodium azide and should be stored at 4°C.