**Endo-1,4 β-Mannanase (Aspergillus niger)**

**Non-recombinant**

**E-BMANN**

**EC:** 3.2.1.78

**Synonyms:** mannann 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:** < 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.