

**α-AMYLOGLUCOSIDASE (*Aspergillus niger*)**

08/23

**Non-recombinant****E-AMGDF-100ML**

EC: 3.2.1.3

**Synonyms:** glucan 1,4- $\alpha$ -glucosidase; 4- $\alpha$ -D-glucan glucohydrolase; glucoamylase**CAZy Family:** GH15**CAS:** 9032-08-0**Refer to the product lot number Certificate of Analysis for lot specific properties.****PROPERTIES****1. ELECTROPHORETIC PURITY:**

- Single major band on isoelectric focusing (pI ~ 4.0)
- Single major band on SDS-gel electrophoresis (MW ~ 143,500)

**2. PHYSICOCHEMICAL PROPERTIES:**

pH Optima:	4.0
pH Stability:	4.0-5.5
Temperature Optima:	70°C
Temperature Stability:	< 60°C

**3. STORAGE CONDITIONS:**

The enzyme is supplied in 50% (v/v) glycerol plus 0.02% (w/v) sodium azide, and should be stored at 4°C.

This enzyme is recommended for use in **Total Dietary Fiber** analytical procedures. The preparation is effectively devoid of cellulase and is free of catalase.