

α-AMYLOGLUCOSIDASE (*Aspergillus niger*)

08/23

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

EC: 3.2.1.3

Synonyms: glucan 1,4- α -glucosidase; 4- α -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.