

α -AMYLASE (Porcine pancreatic)

08/23

Non-recombinant

E-PANAA-12G

EC: 3.2.1.1

Synonyms: alpha-amylase; 4-alpha-D-glucon gluconohydrolase

CAZy Family: GH13

CAS: 9000-90-2

Refer to the product lot number Certificate of Analysis for lot specific properties.

PROPERTIES

1. ELECTROPHORETIC PURITY:

- ~ 75,000 U/g solid
- MW 51-54 Kd
- Partially purified; completely soluble in 10 mM salt solution

2. PHYSICOCHEMICAL PROPERTIES:

pH Optima:	6.9
pH Stability:	4.5-8.0
Temperature Optima:	50°C
Temperature Stability:	< 40°C

3. STORAGE CONDITIONS:

The enzyme is supplied in powder form, which should be stored dry below -10°C.
Allow bottle to warm to room temperature before opening.

This enzyme is recommended for use in the **Megazyme Integrated procedure for the measurement of Total Dietary Fiber**.