

α-glucosidase from Microorganism

Product Code: 173601

EC: 3.2.1.20

SKU: 173601

Category: [Enzymes](#)

PRODUCT DESCRIPTION

SPECIFICATIONS

Name	α -D-Glucoside glucohydrolase
EC	3.2.1.20
Appearance	White amorphous powder lyophilized
Activity	Grade II, 20 U/mg-solid or more
Contaminants	α amylase $\leq 1.0 \times 10^{-5}$ %
Stabilizers	Bovine serum albumin (BSA)
Stability	Stable at -20 °C for at least one year
Molecular weight	65,000
Isoelectric point	5.2
Michaelis constant	6.3×10^{-4} M (p-Nitrophenyl- α -D-glucopyranoside)
Inhibitors	Ag ⁺ , Hg ²⁺ , PCMB, MIA
Optimum pH	6.0-7.0
Optimum temperature	60 °C
pH Stability	pH 5.0 - 9.0
Thermal stability	below 60 °C (pH 7.0, 15min)