

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) |