

Certificate of Analysis

Product Name :

α -Glucosidase from *Saccharomyces cerevisiae* Type I, lyophilized powder, ≥ 10 units/mg protein (using p-nitrophenyl α -D-glucoside as substrate.)

Product Number : G5003-100UN**Batch Number :** 0000429271

Source Batch : 0000377817

CAS Number : 9001-42-7

MDL Number : MFCD00081321

Storage Temperature : -20°C

Quality Release Date : 23 Feb 2025

Test	Specification	Result
Protein by Biuret	≥ 50 %	65 %
units/mg Protein	≥ 10	19
Enzymatic Activity: One unit will liberate 1.0 micromole of D-glucose from p-nitrophenyl α -D-glucoside per min at pH 6.8 at 37 deg C.		
alpha-Galactosidase	≤ 0.1 %	0.0 %
beta-Galactosidase	≤ 0.1 %	0.0 %
beta-Glucosidase	≤ 0.1 %	0.1 %



Anna Bendersky, Quality Control Manager

Quality Control

Israel

IL

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1209531

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