

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-11 11:13:17  
Date of Next Testing: 2026-05-01 11:13:17  
Product Name: **Glucose Oxidase from Aspergillus niger**  
CAS Number: 9001-37-0  
Specifications & Purity: lyophilized powder, >180 U/mg  
Lot #: D2429260  
SKU #: **G109029**  
**Analysis:** **339720**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Enzymatic Activity(solid)	180000-250000 (IU/g OR u/g)	237000.00 IU/g OR u/g
Maltase	≥3 (%)	3.50 %
Protein(Biuret)	65-85 (%)	68.00 %
Invertase	0-0.2 (%)	0.10 %
Glycogenase	0-0.2 (%)	0.05 %
proteases	0-0.05 (%)	0.02 %
Galactose Oxidase	0-3.5 (%)	2.50 %
Amylase	0-0.1 (%)	0.05 %
Enzymatic Impurities	0-5	3.50
Appearance (G109029)	yellow powder	yellow powder
Solubility in 0.05 M Sodium Acetate	Colorless to Yellow,Clear,1 mg/ml,pH 5.1	Colorless to Yellow,Clear,1 mg/ml,pH 5.1



John Su  
QA & QC Manager