

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-07 16:30:38  
Date of Next Testing: 2024-10-27 16:30:38  
Product Name: **Glucose Oxidase from Aspergillus niger**  
CAS Number: 9001-37-0  
Specifications & Purity: lyophilized powder, >180 U/mg  
Lot #: K2204490  
SKU #: **G109029**  
**Analysis: 147101**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Maltase	≥3 (%)	3.30 %
Protein(Biuret)	65-85 (%)	72.30 %
Invertase	0-0.2 (%)	0.10 %
Glycogenase	0-0.2 (%)	0.12 %
proteases	0-0.05 (%)	0.03 %
Enzymatic Activity(solid)	180000-250000 (IU/g OR u/g)	238000.00 IU/g OR u/g
Galactose Oxidase	0-3.5 (%)	2.20 %
Amylase	0-0.1 (%)	0.00 %
Enzymatic Impurities	0-5	3.00
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