

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-27 22:24:20
Date of Next Testing: 2024-01-17 22:24:20
Product Name: **Glucose Oxidase from Aspergillus niger**
CAS Number: 9001-37-0
Specifications & Purity: lyophilized powder, >180 U/mg
Lot #: I2315121
SKU #: **G109029**
Analysis: 070953
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Maltase	≥3 (%)	3.10 %
Protein(Biuret)	65-85 (%)	76.00 %
Invertase	0-0.2 (%)	0.15 %
Glycogenase	0-0.2 (%)	0.18 %
proteases	0-0.05 (%)	0.04 %
Enzymatic Activity(solid)	180000-250000 (IU/g OR u/g)	242250.00 IU/g OR u/g
Galactose Oxidase	0-3.5 (%)	3.41 %
Amylase	0-0.1 (%)	0.06 %
Enzymatic Impurities	0-5	3.52
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