

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-11 15:43:57
Date of Next Testing: 2026-05-01 15:43:57
Product Name: **Glucose Oxidase from Aspergillus niger**
CAS Number: 9001-37-0
Specifications & Purity: lyophilized powder, >180 U/mg
Lot #: D2429261
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