

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-06 13:40:52  
 Date of Next Testing: 2025-08-26 13:40:52  
 Product Name: **Amyloglucosidase from Aspergillus niger**  
 CAS Number: 9032-08-0  
 Specifications & Purity: EnzymoPure™, liquifying , 100000u/ml  
 Lot #: B2006091  
 SKU #: **A107823**  
 Version: **0**  
 Analysis #: **272141**  
 Storage Temperature: Store at 2-8°C

| Parameter                          | Limit Values            | Result                     |
|------------------------------------|-------------------------|----------------------------|
| Heavy metals                       | 0-0.004 (%)             | 0.00000 %                  |
| Coliform bacteria                  | 0-30 (cfu/ml)           | 15.92000 cfu/ml            |
| Lead(Pb)                           | 0-0.001 (%)             | 0.00050 %                  |
| Total number of bacteria           | 0-30000 (cfu/ml)        | 29999.00000 cfu/ml         |
| Glucose turn glucoside enzyme      | 0-1500 (IU/ml OR u/ml)  | 1499.00000 IU/ml OR u/ml   |
| unit weight                        | 0-1.25 (g/ml)           | 1.11000 g/ml               |
| Aflatoxin                          | 0-0.005 (ppm)           | 0.00400 ppm                |
| pH                                 | 3.5-4.5                 | 3.96000                    |
| Enzyme activity                    | ≥100000 (IU/ml OR u/ml) | 100001.00000 IU/ml OR u/ml |
| absorption value(680nm)            | 0-0.2                   | 0.18800                    |
| Total yeasts and molds count(TYMC) | 0-200 (cfu/ml)          | 102.00000 cfu/ml           |
| Appearance (A107823)               | brown liquid            | brown liquid               |
| antibiotic                         | none                    | none                       |
| Escherichia Coli                   | none detected           | none detected              |
| Salmonella                         | none detected           | none detected              |



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager