

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-01 09:13:28  
 Date of Next Testing: 2028-06-30 09:13:28  
 Product Name: **Glycolic acid**  
 CAS Number: 79-14-1  
 Specifications & Purity: BioReagent, ≥98%(T)  
 Lot #: F2523483  
 SKU #: **G755904**  
 Version: **1**  
 Analysis #: **476782**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                      | Limit Values             | Result                   |
|--------------------------------|--------------------------|--------------------------|
| Purity (Titration by NaOH)     | 98-102 (%)               | 98.78 %                  |
| Residue on ignition(Ash)       | 0-0.1 (%)                | 0.00000 %                |
| Chloride                       | 0-0.05 (%)               | 0.00 %                   |
| Sulfate(SO42-)                 | 0-0.05 (%)               | 0.00 %                   |
| Insoluble matter               | 0-0.1 (%)                | 0.00 %                   |
| Aluminum(Al)                   | 0-0.0005 (%)             | 0.00 %                   |
| Copper(Cu)                     | 0-0.0005 (%)             | 0.00 %                   |
| Iron(Fe)                       | 0-0.0005 (%)             | 0.00 %                   |
| Lead(Pb)                       | 0-0.001 (%)              | 0.00 %                   |
| Magnesium(Mg)                  | 0-0.0005 (%)             | 0.00 %                   |
| Phosphorus (P)                 | 0-0.0005 (%)             | 0.00 %                   |
| Sodium(Na)                     | 0-0.005 (%)              | 0.00 %                   |
| Zinc(Zn)                       | 0-0.0005 (%)             | 0.00 %                   |
| Potassium(K)                   | 0-0.005 (%)              | 0.00 %                   |
| Calcium(Ca)                    | 0-0.0005 (%)             | 0.00 %                   |
| Ammonia (NH4)                  | 0-0.05 (%)               | 0.05 %                   |
| Appearance(G755904)            | White Powder or Crystals | White Powder or Crystals |
| Solubility in H2O(1M in water) | Almost transparency      | almost transparency      |
| Infrared spectrum              | Conforms to Structure    | Conforms to Structure    |



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

John Su  
QA & QC Manager