

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-18 15:14:17  
Date of Next Testing: 2028-02-17 15:14:17  
Product Name: **Glycine**  
CAS Number: 56-40-6  
Specifications & Purity: for electrophoresis, ≥99%  
Lot #: A2419098  
SKU #: **A110752**  
Analysis: **311932**

| Parameter   | Limit Values                          | Result                                |
|---|---------------------------------------|---------------------------------------|
| Heavy metal (as Pb)   | 0-20 (ppm)                            | 0.00 ppm                              |
| Insoluble matter  | 0-0.01 (%)                            | 0.00 %                                |
| Chloride (Cl-)  | 0-70 (ppm)                            | 0.35 ppm                              |
| UV Absorbance 280(1 M)  | 0-0.15                                | 0.01                                  |
| Purity(HPLC)  | 99-100 (%)                            | 99.37200 %                            |
| Appearance (A110752)  | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum   | Conforms to Structure                 | Conforms to Structure                 |
| Solubility, Colorless to Faint Yellow, Clear, 200 mg/ml, H <sub>2</sub> O | pass                                  | Pass                                  |
| For use in electrode buffers for page                                     | complies                              | complies                              |
| In transfer buffers for western blots                                     | complies                              | complies                              |
| Infrared spectrum   | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager