

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-18 16:43:45  
 Date of Next Testing: 2028-02-17 16:43:45  
 Product Name: **Glycine**  
 CAS Number: 56-40-6  
 Specifications & Purity: for electrophoresis, ≥99%  
 Lot #: A2419097  
 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 <sup>-</sup> )	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