

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-15 15:52:55  
Date of Next Testing: 2027-05-14 15:52:55  
Product Name: **Glycine**  
CAS Number: 56-40-6  
Specifications & Purity: for electrophoresis, ≥99%  
Lot #: E2311254  
SKU #: **A110752**  
Analysis: **215874**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-20 (ppm)	1.21 ppm
Insoluble matter	0-0.01 (%)	0.00 %
Chloride (Cl <sup>-</sup> )	0-70 (ppm)	3.52 ppm
UV Absorbance 280(1 M)	0-0.15	0.01
Purity(HPLC)	99-100 (%)	99.51200 %
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