

## Certificate of Analysis

Date of Testing: 2022-09-17 16:17:40  
 Date of Next Testing: 2026-09-16 16:17:40  
 Product Name: **Glycine**  
 CAS Number: 56-40-6  
 Specifications & Purity: for electrophoresis, ≥99%  
 Lot #: I2214114  
 SKU #: **A110752**  
**Analysis: 112176**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-20 (ppm)	0.21 ppm
Insoluble matter	0-0.01 (%)	0.00 %
Chloride (Cl-)	0-70 (ppm)	63.20 ppm
UV Absorbance 280(1 M)	0-0.15	0.02
Purity(HPLC)	99-100 (%)	99.29400 %
Appearance (A110752)	White to off-white powder or crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
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



John Su  
QA & QC Manager