

Certificate of Analysis

Date of Testing: 2022-09-17 17:50:33
 Date of Next Testing: 2026-09-16 17:50:33
 Product Name: **Glycine**
 CAS Number: 56-40-6
 Specifications & Purity: for electrophoresis, ≥99%
 Lot #: I2214113
 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 ₂ 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