

Certificate of Analysis

Date of Testing: 2025-05-12 17:45:51

Date of Next Testing: 2029-05-11 17:45:51

Product Name: **Glycine**

CAS Number: 56-40-6

Specifications & Purity: Moligand™, for electrophoresis, ≥99%

Lot #: E2509509

SKU #: **A110752**

Version **1**

Analysis #: **476856**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-20 (ppm)	12.36 ppm
Chloride (Cl-)	0-70 (ppm)	62.36 ppm
Insoluble matter	0-0.01 (%)	0.01 %
UV Absorbance 280(1 M)	0-0.15	0.12
Purity(HPLC)	99-100 (%)	99.80000 %
Appearance (A110752)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless to Faint Yellow, Clear, 200 mg/ml, H ₂ O	pass	Pass



John Su
QA & QC Manager