

Certificate of Analysis

Date of Testing: 2025-04-07 17:29:11
 Date of Next Testing: 2029-04-06 17:29:11
 Product Name: **Glycine**
 CAS Number: 56-40-6
 Specifications & Purity: PharmPure™, USP, BP, Ph.Eur., pharmaceutical grade, ≥99%
 Lot #: D2503192
 SKU #: **A110751**
 Version: **2**
 Analysis #: **488796**

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.1 (%)	0.08 %
Sulfate(SO42-)	0-50 (ppm)	22.53 ppm
Loss on drying	0-0.2 (%)	0.08 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-50 (ppm)	25.36 ppm
Assay	99-101(%)	99.40 %
PH	5.9-6.4	5.95
other ninhydrin-positive substances	0-0.5 (%)	0.48 %
Appearance (A110751)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
hydrolyzable substances	complies	complies
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
reaction against H2SO4	complies	complies
Residual solvents	complies	complies
Solubility in H2O , Colorless transparent , c = 100mg/ml; Water	pass	Pass
volatile organic substances	pass	Pass



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager