

Certificate of Analysis

Date of Testing: 2025-06-04 16:36:26
 Date of Next Testing: 2029-06-03 16:36:26
 Product Name: **Glycine**
 CAS Number: 56-40-6
 Specifications & Purity: PharmPure™, USP, BP, Ph.Eur., pharmaceutical grade, ≥99%
 Lot #: F2503107
 SKU #: **A110751**
 Version: **2**
 Analysis #: **517864**

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.1 (%)	0.09 %
Sulfate(SO42-)	0-50 (ppm)	5.26 ppm
Loss on drying	0-0.2 (%)	0.09 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-50 (ppm)	2.36 ppm
Assay	99-101(%)	99.60 %
PH	5.9-6.4	6.00
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



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager