

Certificate of Analysis

Date of Testing:	2024-08-29 10:19:08
Date of Next Testing:	2028-08-28 10:19:08
Product Name:	Glycine
CAS Number:	56-40-6
Specifications & Purity:	pharmacopedia grade, Ph.Eur, USP, BP, ≥99%
Lot #:	H2427085
SKU #	A110751
Version	2
Analysis #:	396973

Parameter	Limit Values	Result
PH	5.9-6.4	5.98
Ignition Residue (as sulfate)	0-0.1 (%)	0.00 %
Sulfate(SO42-)	0-50 (ppm)	5.00 ppm
Loss on drying	0-0.2 (%)	0.16 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-50 (ppm)	34.00 ppm
Assay	99-101(%)	100.31 %
other ninhydrin-positive substances	0-0.5 (%)	0.30 %
Appearance (A110751)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless transparent , c = 100mg/ml; Water	pass	Pass
volatile organic substances	pass	Pass
hydrolyzable substances	complies	complies
reaction against H2SO4	complies	complies
Residual solvents	complies	complies



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

John Su
QA & QC Manager