

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-07-12 09:21:42
Date of Next Testing:	2028-07-11 09:21:42
Product Name:	Glycine
CAS Number:	56-40-6
Specifications & Purity:	pharmacopedia grade, Ph. Eur., BP, USP, 99-101%
Lot #:	F2429077
SKU #	A110751
Version	1
Analysis #:	373467

Parameter	Limit Values	Result
PH	5.9-6.4	6.26
Ignition Residue (as sulfate)	0-0.1 (%)	0.04 %
other ninhydrin-positive substances	0-0.5 (%)	0.10 %
Sulfate(SO42-)	0-50 (ppm)	0.52 ppm
Loss on drying	0-0.2 (%)	0.16 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-50 (ppm)	0.28 ppm
Assay	99-101(%)	100.51 %
Appearance (A110751)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
hydrolyzable substances	complies	complies
pKa	6.8	6.8
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
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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

John Su
QA & QC Manager