

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-06-01 08:49:55
Date of Next Testing:	2027-06-01 08:49:55
Product Name:	Glycine
CAS Number:	56-40-6
Specifications & Purity:	BioReagent Plus, ≥99% (titration)
Lot #:	E2427403
SKU #	G432932
Version	1
Analysis #:	363470

Parameter	Limit Values	Result
Loss on Drying((HV, 20-26°C))	0-0.05 (%)	0.00000 %
Assay(Titration)	98.5-101.5 (%)	99.44 %
Ignition Residue(Ash)	0-0.05 (%)	0.02 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Chloride (Cl-)	0-0.005 (%)	0.00 %
Aluminium(Al)	0-0.0005 (%)	0.00000 %
Bismuth(Bi)	0-0.0005 (%)	0.00 %
Lead(Pb)	0-0.0005 (%)	0.00 %
Arsenic(As)	0-0.00001 (%)	0.00000 %
Barium(Ba)	0-0.0005 (%)	0.00 %
Cadmium(Cd)	0-0.0005 (%)	0.00 %
Cobalt(Co)	0-0.0005 (%)	0.00 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Strontium(Sr)	0-0.0005 (%)	0.00 %
Zinc(Zn)	0-0.0005 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.001 (%)	0.00 %
Chromium(Cr)	0-0.0005 (%)	0.00000 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Manganese(Mn)	0-0.0005(%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Lithium(Li)	0-0.0005 (%)	0.00 %
Molybdenum(Mo)	0-0.0005 (%)	0.00 %
Nickel(Ni)	0-0.0005 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.00 %
A260 UV Absorption(c = 1 M in 1 M HCl)	0-0.04	0.00000

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Parameter	Limit Values	Result
A280 UV Absorption(c = 1 M in 1 M HCl)	0-0.04	0.00000
Appearance(G432932)	White powder or crystals	White Powder or Crystals
Solubility in 1 M HCl , Colorless clear	pass	Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager