

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-31 15:37:35

Date of Next Testing: 2027-10-21 15:37:35

Product Name: **Aminoacetic acid**

CAS Number: 56-40-6

Specifications & Purity: Moligand™, Suitable for molecular biology, ≥99%(NT)

Lot #: J2528283

SKU #: **A111465**

Version **3**

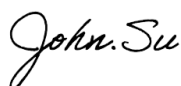
Analysis #: **565770**

Parameter	Limit Values	Result
Chloride (Cl-)	0-50 (ppm)	20.00 ppm
Sulfate(SO42-)	0-50 (ppm)	25.00 ppm
Ammonia (NH4)	0-200 (ppm)	200.00 ppm
Calcium(Ca)	0-10 (ppm)	0.00 ppm
Cobalt(Co)	0-5 (ppm)	0.00 ppm
(As)Arsenic	0-0.1 (ppm)	0.00 ppm
Barium(Ba)	0-5 (ppm)	0.00 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Strontium(Sr)	0-5 (ppm)	0.00 ppm
Molybdenum(Mo)	0-5 (ppm)	0.00 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-50 (ppm)	50.00 ppm
Bismuth(Bi)	0-5 (ppm)	2.00 ppm
Zinc(Zn)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-5 (ppm)	0.00 ppm
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	3.00 ppm
Aluminum(Al)	0-5 (ppm)	0.00 ppm
(Pb)Lead	0-5 (ppm)	0.00 ppm
Lithium(Li)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Manganese(Mn)	0-5 (ppm)	0.00 ppm
Purity((NT)	98.5-101.5 (%)	98.96 %
Loss on drying(20 °C ,HV)	0-0.05 (%)	0.00 %
UV Absorbance 260nm(1 M in 1 M HCl)	0-0.01	0.00

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Parameter	Limit Values	Result
UV Absorbance 280nm(1 M in 1 M HCl)	0-0.01	0.00
Ignition Residue (as sulfate)	0-0.05 (%)	0.00 %
Appearance(A111465)	White Powder or Crystals	White Powder or Crystals
DNases	none detected	none detected
Insoluble matter	pass	Pass
phosphatases	none detected	none detected
pKa	6.8	6.8
proteases	none detected	none detected
RNases	none detected	none detected
Solubility1M HCl , soluble1 M at20°C, clear, colorless	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager