

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-14 11:44:30

Date of Next Testing: 2028-05-03 11:44:30

Product Name: **Aminoacetic acid**

CAS Number: 56-40-6

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

Lot #: D2630071

SKU #: **A111465**

Version: **3**

Analysis #: **690504**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Chloride (Cl-)	0-50 (ppm)	3.52000 ppm
Calcium(Ca)	0-10 (ppm)	0.00000 ppm
Cobalt(Co)	0-5 (ppm)	0.00000 ppm
Purity((NT)	98.5-101.5 (%)	99.19000 %
(As)Arsenic	0-0.1 (ppm)	0.00000 ppm
Barium(Ba)	0-5 (ppm)	0.00000 ppm
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Strontium(Sr)	0-5 (ppm)	0.00000 ppm
Loss on drying(20 °C ,HV)	0-0.05 (%)	0.00000 %
Molybdenum(Mo)	0-5 (ppm)	0.00000 ppm
Ignition Residue (as sulfate)	0-0.05 (%)	0.03300 %
Cadmium(Cd)	0-5 (ppm)	0.00000 ppm
Sodium(Na)	0-50 (ppm)	5.00000 ppm
Bismuth(Bi)	0-5 (ppm)	0.00000 ppm
Zinc(Zn)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Nickel(Ni)	0-5 (ppm)	0.00000 ppm
Potassium(K)	0-50 (ppm)	5.00000 ppm
Aluminum(Al)	0-5 (ppm)	0.00000 ppm
(Pb)Lead	0-5 (ppm)	0.00000 ppm
Lithium(Li)	0-5 (ppm)	0.00000 ppm
Magnesium(Mg)	0-5 (ppm)	0.00000 ppm
Sulfate(SO42-)	0-50 (ppm)	1.50000 ppm
Chromium(Cr)	0-5 (ppm)	0.00000 ppm
Manganese(Mn)	0-5 (ppm)	0.00000 ppm

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Parameter	Limit Values	Result
UV Absorbance 260nm(1 M in 1 M HCl)	0-0.05	0.01400
UV Absorbance 280nm(1 M in 1 M HCl)	0-0.05	0.01200
Ammonia (NH ₄)	0-200 (ppm)	200.00000 ppm
Insoluble matter	pass	Pass
Solubility 1M HCl , soluble 1 M at 20°C, clear, colorless	pass	Pass
Appearance(A111465)	White Powder or Crystals	White Powder or Crystals
DNases	none detected	none detected
phosphatases	none detected	none detected
pKa	6.8	6.8
proteases	none detected	none detected
RNases	none detected	none detected
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager