

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-31 16:26:28
 Date of Next Testing: 2027-10-21 16:26:28
 Product Name: **Aminoacetic acid**
 CAS Number: 56-40-6
 Specifications & Purity: Moligand™, Suitable for molecular biology, ≥99%(NT)
 Lot #: J2528280
 SKU #: **A111465**
 Version: **3**
 Analysis #: **565770**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Chloride (Cl-)	0-50 (ppm)	20.00000 ppm
Sulfate(SO42-)	0-50 (ppm)	25.00000 ppm
Ammonia (NH4)	0-200 (ppm)	200.00000 ppm
Calcium(Ca)	0-10 (ppm)	0.00000 ppm
Cobalt(Co)	0-5 (ppm)	0.00000 ppm
(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
Molybdenum(Mo)	0-5 (ppm)	0.00000 ppm
Cadmium(Cd)	0-5 (ppm)	0.00000 ppm
Sodium(Na)	0-50 (ppm)	50.00000 ppm
Bismuth(Bi)	0-5 (ppm)	2.00000 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)	3.00000 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
Chromium(Cr)	0-5 (ppm)	0.00000 ppm
Manganese(Mn)	0-5 (ppm)	0.00000 ppm
Purity((NT)	98.5-101.5 (%)	98.96000 %
Loss on drying(20 °C ,HV)	0-0.05 (%)	0.00000 %

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Parameter	Limit Values	Result
UV Absorbance 260nm(1 M in 1 M HCl)	0-0.01	0.00000
UV Absorbance 280nm(1 M in 1 M HCl)	0-0.01	0.00000
Ignition Residue (as sulfate)	0-0.05 (%)	0.00000 %
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