

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-11 09:56:13
 Date of Next Testing: 2024-02-01 09:56:13
 Product Name: **Aminoacetic acid**
 CAS Number: 56-40-6
 Specifications & Purity: for molecular biology, ≥99.0%(NT)
 Lot #: B2207207
 SKU #: **A111465**
Analysis: 060362

Parameter	Limit Values	Result
Chloride (Cl ⁻)	0-50 (ppm)	25.30 ppm
Calcium(Ca)	0-10 (ppm)	0.00 ppm
Cobalt(Co)	0-5 (ppm)	0.73 ppm
Purity((NT)	98.5-101.5 (%)	98.52 %
(As)Arsenic	0-0.1 (ppm)	0.00 ppm
Barium(Ba)	0-5 (ppm)	0.00 ppm
Copper(Cu)	0-5 (ppm)	0.49 ppm
Strontium(Sr)	0-5 (ppm)	0.00 ppm
UV Absorbance 280nm(1 M in 1 M HCl)	0-0.01	0.01
Molybdenum(Mo)	0-5 (ppm)	0.00 ppm
Ignition Residue (as sulfate)	0-0.05 (%)	0.00 %
Cadmium(Cd)	0-5 (ppm)	0.73 ppm
Ammonia (NH ₄)	0-200 (ppm)	0.00 ppm
Sodium(Na)	0-50 (ppm)	0.24 ppm
Bismuth(Bi)	0-5 (ppm)	0.00 ppm
Zinc(Zn)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-5 (ppm)	1.46 ppm
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	0.00 ppm
Manganese(Mn)	0-5	0.49
Aluminum(Al)	0-5 (ppm)	0.24 ppm
(Pb)Lead	0-5 (ppm)	0.00 ppm
Lithium(Li)	0-5 (ppm)	0.49 ppm
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Sulfate(SO ₄ ²⁻)	0-50 (ppm)	10.23 ppm
Chromium(Cr)	0-5 (ppm)	0.73 ppm
Loss on drying(20 °C ,HV)	0-0.05 (%)	0.00 %

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Parameter	Limit Values	Result
UV Absorbance 260nm(1 M in 1 M HCl)	0-0.01	0.01
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
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager