

Certificate of Analysis

Date of Testing: 2024-12-28 15:08:09

Date of Next Testing: 2028-12-27 15:08:09

Product Name: **N-(2-Acetamido)iminodiacetic acid**

CAS Number: 26239-55-4

Specifications & Purity: Ultra pure, ≥99%(T)

Lot #: L2424303

SKU #: **A108965**

Version: **0**

Analysis #: **404510**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Strontium(Sr)	0-5 (ppm)	0.00 ppm
Manganese(Mn)	0-5 (ppm)	0.00 ppm
Zinc(Zn)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-500 (ppm)	209.99 ppm
UV Absorbance 280nm(0.05 M in H ₂ O)	0-0.05	0.03
Nickel(Ni)	0-5 (ppm)	0.00 ppm
UV Absorbance 260nm(0.05 M in H ₂ O)	0-0.21	0.16
Molybdenum(Mo)	0-5 (ppm)	0.00 ppm
Lead(Pb)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	7.48 ppm
Iron(Fe)	0-5 (ppm)	0.00 ppm
Lithium(Li)	0-5 (ppm)	0.00 ppm
Loss on drying	0-1 (%)	0.04 %
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Barium(Ba)	0-5 (ppm)	0.00 ppm
PH(25 °C, 0.01 M in Water)	1.5-3	2.39
Cobalt(Co)	0-5 (ppm)	0.00 ppm
Aluminum(Al)	0-5 (ppm)	2.40 ppm
Ignition Residue	0-0.1 (%)	0.00 %
Bismuth(Bi)	0-5 (ppm)	0.00 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
(As)Arsenic	0-0.1 (ppm)	0.00 ppm
Sulfate(SO ₄ ²⁻)	0-50 (ppm)	0.00 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm

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Parameter	Limit Values	Result
Chloride (Cl-)	0-1000 (ppm)	0.00 ppm
Purity(Neutralization titration)	99-101 (%)	100.37 %
Calcium(Ca)	0-10 (ppm)	0.04 ppm
Appearance (A108965)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H2O , Clear, colorless,0.05 M(0.285g in 30ml hot water)	pass	Pass

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

John Su
QA & QC Manager