

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

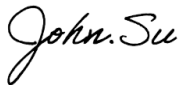
Date of Testing: 2022-12-19 12:55:24
 Date of Next Testing: 2026-12-18 12:55:24
 Product Name: **N-(2-Acetamido)-2-aminoethanesulfonic acid**
 CAS Number: 7365-82-4
 Specifications & Purity: Ultra pure, ≥99.5% (T)
 Lot #: L2214874
 SKU #: **A100328**
Analysis: 083107

Parameter	Limit Values	Result
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Purity (T)	99.5-100 (%)	99.55 %
PH	3-4.5	3.50
Molybdenum(Mo)	0-5 (ppm)	0.00 ppm
Aluminum(Al)	0-10 (ppm)	0.00 ppm
Sulfate(SO42-)	0-50 (ppm)	25.00 ppm
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	0.30 ppm
Iron(Fe)	0-5 (ppm)	0.20 ppm
Calcium(Ca)	0-10 (ppm)	0.00 ppm
Loss on drying	0-0.5 (%)	0.30 %
Bismuth(Bi)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-50 (ppm)	0.00 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Chloride (Cl-)	0-250 (ppm)	0.00 ppm
Ignition Residue (as sulfate)	0-0.05 (%)	0.03 %
A260 UV Absorbance(0.1M,H2O)	0-0.05	0.01
(As)Arsenic	0-0.1 (ppm)	0.00 ppm
Lithium(Li)	0-5 (ppm)	0.00 ppm
Barium(Ba)	0-5 (ppm)	0.00 ppm
Manganese(Mn)	0-5	0.01
(Pb)Lead	0-5 (ppm)	0.70 ppm
Cobalt(Co)	0-5 (ppm)	0.00 ppm
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Strontium(Sr)	0-5 (ppm)	0.00 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Zinc(Zn)	0-5 (ppm)	0.00 ppm

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Parameter	Limit Values	Result
useful PH range	6.1-7.5	6.70
Appearance (A100328)	white crystalline powder	white crystalline powder
Insoluble matter	pass	Pass
pKa	6.8	6.8
Solubility in H ₂ O , colorless and clear (0.1M)	pass	Pass
λ,0.1 M in H ₂ O	Pass	Pass

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

John Su
QA & QC Manager