

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-18 09:13:53

Date of Next Testing: 2028-12-17 09:13:53

Product Name: **Citrate**

CAS Number: 77-92-9

Specifications & Purity: AR, ≥99.5%(T)

Lot #: L2416115

SKU #: **C108869**

Version: **3**

Analysis #: **439360**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99.5-100 (%)	99.64000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00010 %
Insoluble matter in H ₂ O	≤0.005(%)	0.00000 %
Ignition Residue (as sulfate)	≤0.02(%)	0.00000 %
Chloride (Cl ⁻)	≤0.001(%)	0.00000 %
Iron(Fe)	≤0.0003(%)	0.00000 %
Lead(Pb)	≤0.0005 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	≤0.005(%)	0.00098 %
Phosphate(PO ₄)	≤0.001(%)	0.00100 %
Carbonate(CO ₃)	0-0.035 (%)	0.03500 %
Appearance (C108869)	Colorless or White to Off-White Crystals or Powders	Colorless or White to Off-White Crystals or Powders
Infrared spectrum	Conforms to Structure	Conforms to Structure



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

John Su
QA & QC Manager