

Certificate of Analysis

Date of Testing: 2024-10-18 11:55:25
Date of Next Testing: 2028-10-17 11:55:25
Product Name: **Citrate**
CAS Number: 77-92-9
Specifications & Purity: AR, ≥99.5%(T)
Lot #: J2412458
SKU #: **C108869**
Version: **3**
Analysis #: **414428**

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	≤0.005(%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Insoluble matter in H ₂ O	≤0.005(%)	0.00 %
Phosphate(PO ₄)	≤0.001(%)	0.00 %
Ignition Residue (as sulfate)	≤0.02(%)	0.00 %
Chloride (Cl ⁻)	≤0.001(%)	0.00 %
Iron(Fe)	≤0.0003(%)	0.00 %
Lead(Pb)	≤0.0005 (%)	0.00 %
Purity (Titration by NaOH)	99.5-100 (%)	99.55 %
Carbonite(C ₂ O ₄)	0-0.035 (%)	0.03400 %
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



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager