

Certificate of Analysis

Date of Testing: 2024-10-24 13:23:55

Date of Next Testing: 2028-10-23 13:23:55

Product Name: **Citrate**

CAS Number: 77-92-9

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

Lot #: J2412465

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

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager