

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-20 14:25:09

Date of Next Testing: 2028-09-19 14:25:09

Product Name: **Aladdin™ EDC**

CAS Number: 25952-53-8

Specifications & Purity: analytical standard

Lot #: I2511038

SKU #: **A638729**

Version: **1**

Analysis #: **403211**

Storage Temperature: Store at -20°C, Desiccated

Parameter	Limit Values	Result
Melting point	110-115 (°C)	112.48000 °C
Purity (Argentmetric Titration)	98-100 (%)	98.85000 %
Water by Karl Fischer	0-1 (%)	0.94400 %
Residue on ignition(Ash)	0-0.1 (%)	0.00000 %
Ammonia (NH4)	0-0.05 (%)	0.00000 %
Insoluble matter	0-0.1 (%)	0.00000 %
Sulfate(SO42-)	0-0.05 (%)	0.01120 %
Aluminum(Al)	0-0.0005 (%)	0.00000 %
Phosphorus (P)	0-0.005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Copper(Cu)	0-0.0005 (%)	0.00000 %
Zinc(Zn)	0-0.0005 (%)	0.00000 %
Calcium(Ca)	0-0.0005 (%)	0.00000 %
Magnesium(Mg)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.005 (%)	0.00000 %
Potassium(K)	0-0.005 (%)	0.00000 %
Appearance(A638729)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O, Colorless to Very Faint Yellow, Clear, 100 mg/mL	Pass	Pass



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager