

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-19 19:14:32

Date of Next Testing: 2028-08-18 19:14:32

Product Name: **Calcium acetate hydrate**

CAS Number: 114460-21-8

Specifications & Purity: high-purity, Reagent grade, ≥99%(T)

Lot #: H2518744

SKU #: **C475778**

Version: **1**

Analysis #: **549660**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-14 (%)	8.17000 %
Heavy metals(as Pb)	≤ 0.0025 (%)	0.00000 %
Iron(Fe)	0-0.002 (%)	0.00000 %
Chloride Content	≤0.05 (%)	0.00120 %
Sulfate(SO42-)	0-0.1 (%)	0.01400 %
Assay(Titration with EDTA)(after loss on drying)	98.5-101.5 (%)	100.89000 %
Appearance(C475778)	White Powder	White powder
Solubility(200 mg/mL, H2O)Colorless to Faint Yellow, Clear to Slightly Hazy	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager