

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-17 11:17:17  
Date of Next Testing: 2027-10-17 11:17:17  
Product Name: **Aluminum chloride hexahydrate**  
CAS Number: 7784-13-6  
Specifications & Purity: AR, ≥97%  
Lot #: J2515021  
SKU #: **A112509**  
Version: **1**  
Analysis #: **549797**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Copper(Cu)	0-50 (ppm)	0.00000 ppm
Assay	97-100 (%)	99.99010 %
Zinc(Zn)	0-50 (ppm)	0.00000 ppm
Iron(Fe)	0-50 (ppm)	0.00000 ppm
Potassium(K)	0-100 (ppm)	20.00000 ppm
Sodium(Na)	0-500 (ppm)	100.00000 ppm
Nickel(Ni)	0-50 (ppm)	0.00000 ppm
Calcium(Ca)	0-0.01 (%)	0.00308 %
Cadmium(Cd)	0-50 (ppm)	0.00000 ppm
Cl(Titration by AgNO3)	42.50-44.70 (%)	43.60450 %
Sulfate(SO42-)	0-50 (ppm)	6.00000 ppm
(Pb)Lead	0-50 (ppm)	16.00000 ppm
Cobalt(Co)	0-50 (ppm)	0.98040 ppm
PH(25 °C, 50 mg/mL in Water)	2.5-3.5 (%)	3.11000 %
Appearance (A112509)	White to Off-White Crystals	White to Off-White Crystals
ICP Major Analysis	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	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