

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2026-06-12 18:50:18
Date of Next Testing:	2028-06-11 18:50:18
Product Name:	<b>Aluminum chloride hexahydrate</b>
CAS Number:	7784-13-6
Specifications & Purity:	AR, ≥97%
Lot #:	F2605512
SKU #	<b>A112509</b>
Version	<b>1</b>
<b>Analysis #:</b>	<b>725382</b>
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Copper(Cu)	0-50 (ppm)	0.00000 ppm
Assay	97-100 (%)	99.99020 %
Zinc(Zn)	0-50 (ppm)	0.00000 ppm
Iron(Fe)	0-50 (ppm)	0.00000 ppm
Potassium(K)	0-100 (ppm)	0.00000 ppm
Sodium(Na)	0-500 (ppm)	80.00000 ppm
Nickel(Ni)	0-50 (ppm)	0.00000 ppm
Calcium(Ca)	0-0.01 (%)	0.00360 %
Cadmium(Cd)	0-50 (ppm)	0.00000 ppm
Cl(Titration by AgNO3)	42.50-44.70 (%)	42.76680 %
Sulfate(SO42-)	0-50 (ppm)	6.00000 ppm
(Pb)Lead	0-50 (ppm)	38.00000 ppm
Cobalt(Co)	0-50 (ppm)	9.98700 ppm
PH(25 °C, 50 mg/mL in Water)	2.5-3.5 (%)	3.32400 %
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". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager