

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-22 20:39:03  
Date of Next Testing: 2024-01-12 20:39:03  
Product Name: **Aluminum chloride**  
CAS Number: 7446-70-0  
Specifications & Purity: Analytical Reagent,99%  
Lot #: A2219204  
SKU #: **A104930**  
**Analysis:** **058961**  
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.08 %
Purity	99-100 (%)	99.29 %
Iron(Fe)	0-100 (ppm)	90.14 ppm
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Alkali and alkali earth metals	0-0.2 (%)	0.03 %
Heavy metals(as Pb)	0-0.002 (%)	0.00 %
Appearance (A104930)	White to Grey,Blue-Grey or Yellow Powder or Chunks	White to Grey,Blue-Grey or Yellow Powder or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager