

## Certificate of Analysis

Date of Testing: 2023-05-19 17:09:28  
Date of Next Testing: 2025-05-08 17:09:28  
Product Name: **Aluminum chloride**  
CAS Number: 7446-70-0  
Specifications & Purity: Analytical Reagent,99%  
Lot #: E2316174  
SKU #: **A104930**  
**Analysis:** **205373**  
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.32 %
Purity	99-100 (%)	99.05 %
Iron(Fe)	0-100 (ppm)	35.27 ppm
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Alkali and alkali earth metals	0-0.2 (%)	0.01 %
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