

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-06 16:29:14  
 Date of Next Testing: 2027-12-27 16:29:14  
 Product Name: **Aluminum chloride**  
 CAS Number: 7446-70-0  
 Specifications & Purity: AR, ≥99%  
 Lot #: A2604168  
 SKU #: **A104930**  
 Version: **2**  
 Analysis #: **631622**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                      | Limit Values                                        | Result                                              |
|--------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Heavy metals(as Pb)            | 0-0.002 (%)                                         | 0.00000 %                                           |
| Water by Karl Fischer          | 0-1 (%)                                             | 0.13210 %                                           |
| Purity                         | 99-100 (%)                                          | 99.26000 %                                          |
| Sulfate(SO42-)                 | 0-0.005 (%)                                         | 0.00000 %                                           |
| Alkali and alkali earth metals | 0-0.2 (%)                                           | 0.05170 %                                           |
| Iron(Fe)                       | 0-0.002 (%)                                         | 0.00200 %                                           |
| 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