

## Certificate of Analysis

Date of Testing: 2023-01-13 09:21:35  
Date of Next Testing: 2025-01-12 09:21:35  
Product Name: **Aluminum chloride hexahydrate**  
CAS Number: 7784-13-6  
Specifications & Purity: 99.99% metals basis  
Lot #: A2310109  
SKU #: **A112511**  
Analysis: **159651**

Parameter	Limit Values	Result
Total Metallic Impurities	0-200 (ppm)	103.00 ppm
Water by Karl Fischer	42-48 (%)	44.43 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Appearance (A112511)	White to Off-White Crystals	White to Off-White Crystals
ICP:Confirms Aluminum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager