

Certificate of Analysis

Date of Testing: 2024-05-28 18:55:04
Date of Next Testing: 2027-05-28 18:55:04
Product Name: **Aluminum chloride hexahydrate**
CAS Number: 7784-13-6
Specifications & Purity: meets EP, BP, USP testing specifications
Lot #: E2423104
SKU #: **A476733**
Version: **2**
Analysis #: **362611**

Parameter	Limit Values	Result
Water by Karl Fischer	42.0-48 (%)	42.20 %
Alkalies and Alkaline Earths	0-0.5 (%)	0.20000 %
Heavy metals	0-0.002 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-100 (ppm)	0.00 ppm
Assay(EP)	95.0-101 (%)	99.99100 %
Appearance(A476733)	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
Appearance of solution	Passes test	Passes test
(SO4)Sulfate,%	pass	Pass



John Su
QA & QC Manager