

Certificate of Analysis

Date of Testing: 2022-11-15 09:57:06

Date of Next Testing: 2026-11-14 09:57:06

Product Name: **Aluminum sulfate octadecahydrate**

CAS Number: 7784-31-8

Specifications & Purity: ≥99%

Lot #: K2209172

SKU #: **A489714**

Analysis: **155876**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Complexometric EDTA)	99-102.5 (%)	101.89 %
Potassium(K)	≤0.01 (%)	0.00 %
Chloride (Cl-)	≤0.01 (%)	0.00 %
Iron(Fe)	≤ 0.01(%)	0.00 %
Magnesium(Mg)	≤0.004 (%)	0.00 %
Sodium(Na)	≤0.1 (%)	0.07 %
Ammonium (NH4)	≤0.02 (%)	0.01000 %
Heavy metals(as Pb)	≤ 0.002 (%)	0.00 %
Insoluble matter in H2O	≤0.05 (%)	0.00 %
Clarity test/NO.	≤6	2.00000
PH (50g/L, 25°C)	≥2.5	3.28000
Appearance(A489714)	White crystal powder	White crystal powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager