

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-13 21:03:08
 Date of Next Testing: 2027-03-12 21:03:08
 Product Name: **Aluminum sulfate octadecahydrate**
 CAS Number: 7784-31-8
 Specifications & Purity: $\geq 99\%$
 Lot #: C2308740
 SKU #: **A489714**
Analysis: **155574**
 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 (NH ₄)	≤ 0.02 (%)	0.01000 %
Heavy metals(as Pb)	≤ 0.002 (%)	0.00 %
Insoluble matter in H ₂ O	≤ 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