

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-05 17:32:16
 Date of Next Testing: 2028-12-04 17:32:16
 Product Name: **Aluminum sulfate octadecahydrate**
 CAS Number: 7784-31-8
 Specifications & Purity: $\geq 99\%$
 Lot #: L2403669
 SKU #: **A489714**
 Version: **3**
 Analysis #: **437581**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Potassium(K)	≤ 0.01 (%)	0.00080 %
Chloride (Cl ⁻)	≤ 0.01 (%)	0.00000 %
Iron(Fe)	≤ 0.01 (%)	0.00080 %
Magnesium(Mg)	≤ 0.004 (%)	0.00000 %
Sodium(Na)	≤ 0.1 (%)	0.02300 %
Heavy metals(as Pb)	≤ 0.002 (%)	0.00080 %
Insoluble matter in H ₂ O	≤ 0.05 (%)	0.00000 %
PH (50g/L, 25°C)	≥ 2.5	2.87000
Assay(Complexometric EDTA)	99-102.5 (%)	102.47600 %
Clarity test/NO.	≤ 6	6.00000
Appearance(A489714)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager