

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-16 08:42:49  
 Date of Next Testing: 2030-05-15 08:42:49  
 Product Name: **Aluminum sulfate octadecahydrate**  
 CAS Number: 7784-31-8  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: D2621154  
 SKU #: **A489714**  
 Version: **3**  
 Analysis #: **680258**  
 Storage Temperature: Room temperature

| Parameter                            | Limit Values                         | Result                               |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Potassium(K)                         | $\leq 0.01$ (%)                      | 0.00190 %                            |
| Chloride (Cl-)                       | $\leq 0.01$ (%)                      | 0.00000 %                            |
| Iron(Fe)                             | $\leq 0.01$ (%)                      | 0.00120 %                            |
| Magnesium(Mg)                        | $\leq 0.004$ (%)                     | 0.00000 %                            |
| Sodium(Na)                           | $\leq 0.1$ (%)                       | 0.02000 %                            |
| Heavy metals(as Pb)                  | $\leq 0.002$ (%)                     | 0.00000 %                            |
| Insoluble matter in H <sub>2</sub> O | $\leq 0.05$ (%)                      | 0.00000 %                            |
| Clarity test/NO.                     | $\leq 6$                             | 0.41000                              |
| PH (50g/L, 25°C)                     | $\geq 2.5$                           | 2.90000                              |
| Assay(Complexometric EDTA)           | 99-102.5 (%)                         | 102.48000 %                          |
| 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