

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-08-15 14:28:55  
 Date of Next Testing: 2030-08-14 14:28:55  
 Product Name: **Hydroxylammonium chloride**  
 CAS Number: 5470-11-1  
 Specifications & Purity: ACS  
 Lot #: H2611273  
 SKU #: **H112476**  
 Version: **0**  
 Analysis #: **747621**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                       | Limit Values                         | Result                               |
|---------------------------------|--------------------------------------|--------------------------------------|
| Iron(Fe)                        | 0-5 (ppm)                            | 0.00000 ppm                          |
| Sulfate(SO42-)                  | 0-0.005 (%)                          | 0.00125 %                            |
| Heavy metal (as Pb)             | 0-5 (ppm)                            | 0.00000 ppm                          |
| Purity(Titration by KMNO4)      | 98-100 (%)                           | 98.48000 %                           |
| Ignition Residue (as sulfate)   | 0-0.05 (%)                           | 0.00000 %                            |
| Appearance (H112476)            | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| Ammonia (NH4)                   | Pass                                 | Pass                                 |
| Infrared spectrum               | Conforms to Structure                | Conforms to Structure                |
| Solubility in EtOH, c = 40mg/ml | pass                                 | Pass                                 |



John Su  
QA & QC Manager