

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-26 16:25:39  
Date of Next Testing: 2026-09-25 16:25:39  
Product Name: **Hydroxylammonium chloride**  
CAS Number: 5470-11-1  
Specifications & Purity: ACS  
Lot #: I2222858  
SKU #: **H112476**  
**Analysis: 113216**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	2.30 ppm
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	2.41 ppm
Purity(Titration by KMNO4)	98-100 (%)	99.30 %
Ignition Residue (as sulfate)	0-0.05 (%)	0.02 %
Ammonia (NH4)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH,c = 40mg/ml	pass	Pass
Appearance (H112476)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks



John Su  
QA & QC Manager