

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-14 17:32:20
Date of Next Testing: 2027-07-13 17:32:20
Product Name: **Hydroxylammonium chloride**
CAS Number: 5470-11-1
Specifications & Purity: 99.99% metals basis
Lot #: G23121207
SKU #: **H112477**
Analysis: 223511
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	5.00 ppm
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Purity(Titration by KMNO4)	98.5-101.5 (%)	99.69 %
Iron(Fe)	0-5 (ppm)	5.00 ppm
Titration Acid	0-0.25 (mg/g)	0.11 mg/g
Ignition Residue	0-0.05 (%)	0.00 %
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	100.00 %
Trace Metal Analysis	0-100 (ppm)	1.00 ppm
Ammonia (NH4)	Pass	Pass
Clarity of solution	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (H112477)	White crystals	White crystals
Solubility,100mg/ml in water	Clear and colorless	Clear and colorless



John Su
QA & QC Manager