

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-20 14:01:20
Date of Next Testing: 2026-07-19 14:01:20
Product Name: **Hydroxylammonium chloride**
CAS Number: 5470-11-1
Specifications & Purity: 99.99% metals basis
Lot #: G2208250
SKU #: **H112477**
Analysis: 107443
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Metal Analysis	0-100 (ppm)	58.00 ppm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99 %
Heavy metal (as Pb)	0-5 (ppm)	2.50 ppm
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Purity(Titration by KMNO4)	98.5-101.5 (%)	99.80 %
Iron(Fe)	0-5 (ppm)	3.00 ppm
Titrate Acid	0-0.25 (mg/g)	0.13 mg/g
Ignition Residue	0-0.05 (%)	0.03 %
Appearance (H112477)	White crystals	White crystals
Ammonia (NH4)	Pass	Pass
Clarity of solution	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,100mg/ml in water	Clear and colorless	Clear and colorless



John Su
QA & QC Manager