

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-21 15:22:44

Date of Next Testing: 2029-08-20 15:22:44

Product Name: **Hydroxylammonium chloride**

CAS Number: 5470-11-1

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: K2115085

SKU #: **H112477**

Version: **0**

Analysis #: **557852**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Trace Metal Analysis	0-100 (ppm)	37.00000 ppm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99630 %
Heavy metal (as Pb)	0-5 (ppm)	1.50000 ppm
Sulfate(SO42-)	0-0.005 (%)	0.00010 %
Purity(Titration by KMNO4)	98.5-101.5 (%)	99.35000 %
Iron(Fe)	0-5 (ppm)	0.01000 ppm
Titration Acid	0-0.25 (mg/g)	0.10000 mg/g
Ignition Residue	0-0.05 (%)	0.01200 %
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