

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-27 09:58:33

Date of Next Testing: 2027-06-26 09:58:33

Product Name: **Ammonium chloride**

CAS Number: 12125-02-9

Specifications & Purity: ACS,99.5%

Lot #: F23161005

SKU #: **A116371****Analysis:** **245111**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Calcium(Ca)	0-0.001 (µg/mg)	0.00 µg/mg
Phosphate(PO4)	0-0.0002 (%)	0.00 %
Assay	99.5-100 (%)	99.99 %
PH(5% in water,25°C)	4.5-5.5	4.51
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Sulfate(SO42-)	0-0.002 (%)	0.00 %
Insoluble matter	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0002 (ppm)	0.00 ppm
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager