

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-05 18:20:01

Date of Next Testing: 2026-05-04 18:20:01

Product Name: **Ammonium chloride**

CAS Number: 12125-02-9

Specifications & Purity: ACS,99.5%

Lot #: D2226015

SKU #: **A116371****Analysis: 088913**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	2.20 ppm
Magnesium(Mg)	0-5 (ppm)	3.00 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	5.00
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