

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-06-22 09:29:28
Date of Next Testing:	2028-06-21 09:29:28
Product Name:	<b>Ammonium chloride</b>
CAS Number:	12125-02-9
Specifications & Purity:	Guaranteed Reagent, 99.8%
Lot #:	F2412141
SKU #	<b>A116366</b>
Version	<b>0</b>
Analysis #:	<b>374433</b>
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
Sulfate(SO4 <sup>2-</sup> )	0-0.002 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.005 (%)	0.00 %
Insoluble matter in H <sub>2</sub> O	0-0.002 (%)	0.00 %
Assay	99.8-100 (%)	100.00 %
Iron(Fe)	0-0.0002 (ppm)	0.00 ppm
Lead(Pb)	0-0.0001 (%)	0.00 %
PH(5% in water, 25°C)	4.5-5.5	4.60
Nickel(Ni)	0-0.0001 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Copper(Cu)	0-0.0002 (%)	0.00 %
Zinc(Zn)	0-0.0002 (%)	0.00 %
Calcium(Ca)	0-0.0005 (µg/mg)	0.00 µg/mg
Phosphate(PO <sub>4</sub> )	0-0.0002 (%)	0.00 %
Ignition Residue (as sulfate)	0-0.005 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager