

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-18 16:15:48

Date of Next Testing: 2026-07-18 16:15:48

Product Name: **Ammonium fluoride**

CAS Number: 12125-01-8

Specifications & Purity: electronic grade, 40% solution

Lot #: G2509140

SKU #: **A111760**

Version: **1**

Analysis #: **534928**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Color Test	0-10	3.00000
Nickel(Ni)	0-10 (ppb)	0.01000 ppb
Chloride (Cl-)	0-2 (ppm)	0.00200 ppm
Manganese(Mn)	0-10 (ppb)	0.01000 ppb
Calcium(Ca)	0-10 (ppb)	0.01000 ppb
Potassium(K)	0-10 (ppb)	0.01000 ppb
Magnesium(Mg)	0-10 (ppb)	0.01000 ppb
Sodium(Na)	0-10 (ppb)	0.01000 ppb
Lithium(Li)	0-10 (ppb)	0.01000 ppb
Lead(Pb)	0-10 (ppb)	0.01000 ppb
Iron(Fe)	0-10 (ppb)	0.01000 ppb
Aluminum(Al)	0-10 (ppb)	0.01000 ppb
Copper(Cu)	0-10 (ppb)	0.01000 ppb
Chromium(Cr)	0-10 (ppb)	0.01000 ppb
Assay	39-41 (%)	40.05000 %
Cobalt(Co)	0-10 (ppb)	0.01000 ppb
Silver(Ag)	0-10 (ppb)	0.01000 ppb
Phospate(PO4)	0-0.2 (ppm)	0.00235 ppm
(NO3)Nitrate	0-3 (ppm)	0.00010 ppm
Molybdenum(Mo)	0-10 (ppb)	0.01000 ppb
Cadmium(Cd)	0-10 (ppb)	0.01000 ppb
Sulfate(SO42-)	0-1 (ppm)	0.00250 ppm
particle($\geq 0.5\mu\text{m}$)	0-100 (ea/ml)	25.50000 ea/ml
Zinc(Zn)	0-10 (ppb)	0.01000 ppb
particle($\geq 1.0\mu\text{m}$)	0-25 (ea/ml)	6.40000 ea/ml



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Parameter	Limit Values	Result
PH(1% in Water,25°C)	6.5-7	6.70000

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

John Su
QA & QC Manager