

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-16 12:16:57

Date of Next Testing: 2027-03-16 12:16:57

Product Name: **Ammonium fluoride**

CAS Number: 12125-01-8

Specifications & Purity: electronic grade, 40% solution

Lot #: C2610452

SKU #: **A111760**

Version: **1**

Analysis #: **665435**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Color Test	0-10	2.50000
Nickel(Ni)	0-10 (ppb)	3.20000 ppb
Chloride (Cl-)	0-2 (ppm)	0.00250 ppm
Manganese(Mn)	0-10 (ppb)	0.03000 ppb
Calcium(Ca)	0-10 (ppb)	0.01000 ppb
Potassium(K)	0-10 (ppb)	0.03000 ppb
Magnesium(Mg)	0-10 (ppb)	0.00600 ppb
Sodium(Na)	0-10 (ppb)	0.00400 ppb
Lithium(Li)	0-10 (ppb)	0.01400 ppb
Lead(Pb)	0-10 (ppb)	0.07000 ppb
Iron(Fe)	0-10 (ppb)	0.10000 ppb
Aluminum(Al)	0-10 (ppb)	0.03000 ppb
Copper(Cu)	0-10 (ppb)	0.07000 ppb
Chromium(Cr)	0-10 (ppb)	0.06200 ppb
Assay	39-41 (%)	40.50000 %
Cobalt(Co)	0-10 (ppb)	0.05000 ppb
Silver(Ag)	0-10 (ppb)	0.04000 ppb
Phospate(PO4)	0-0.2 (ppm)	0.00300 ppm
(NO3)Nitrate	0-3 (ppm)	0.00300 ppm
Molybdenum(Mo)	0-10 (ppb)	0.03000 ppb
Cadmium(Cd)	0-10 (ppb)	0.10000 ppb
Sulfate(SO42-)	0-1 (ppm)	0.00230 ppm
particle(≥0.5um)	0-100 (ea/ml)	2.50000 ea/ml
Zinc(Zn)	0-10 (ppb)	0.04000 ppb
particle(≥1.0um)	0-25 (ea/ml)	0.50000 ea/ml

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Parameter

PH(1% in Water,25°C)

Limit Values

6.5-7

Result

6.80000

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

John Su
QA & QC Manager