

ALADDIN SCIENTIFIC CORPORATION
 14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-13 17:53:34
 Date of Next Testing: 2027-03-13 17:53:34
 Product Name: **Ammonium fluoride**
 CAS Number: 12125-01-8
 Specifications & Purity: electronic grade, 40% solution
 Lot #: C2610442
 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