

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-24 13:20:03
Date of Next Testing: 2026-07-23 13:20:03
Product Name: **Ammonium fluoride**
CAS Number: 12125-01-8
Specifications & Purity: Premium-Grade Reagents , for Analysis, ACS
Lot #: G2311155
SKU #: **A431591**
Analysis: **255263**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(precipitation titration, NH ₄ F)	98-102.5 (%)	102.49000 %
Ammonium hydrogen difluoride(NH ₄ HF ₂)	0-0.5 (%)	0.25000 %
Chloride (Cl ⁻)	0-0.001 (%)	0.00 %
Hexafluorosilicate(SiF ₆)	0-0.1 (%)	0.05000 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Potassium(K)	0-0.002 (%)	0.00 %
Sodium(Na)	0-0.002 (%)	0.00 %
Water by Karl Fischer	0-5 (%)	2.50 %
Insoluble matter	0-0.005 (%)	0.00 %
Residue on Ignition	0-0.01 (%)	0.00500 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager