

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-12 17:24:40  
Date of Next Testing: 2029-09-11 17:24:40  
Product Name: **Ammonium fluoride**  
CAS Number: 12125-01-8  
Specifications & Purity: AR, ≥96%  
Lot #: I2502099  
SKU #: **A111758**  
Version: **20**  
Analysis #: **579521**  
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.02 (%)	0.00000 %
Free acids(NH <sub>4</sub> HF <sub>2</sub> )	0-0.5 (%)	0.50000 %
Iron(Fe)	0-0.002 (%)	0.00040 %
Heavy metal (as Pb)	0-0.001 (%)	0.00001 %
Chloride (Cl <sup>-</sup> )	0-0.005 (%)	0.00500 %
Clarity test (#)	0-4	4.00000
Assay	96-100 (%)	98.34000 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.01 (%)	0.01000 %
Fluosilicate(SiF <sub>6</sub> )	0-0.3 (%)	0.00000 %
Appearance (A111758)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Free alkali	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager