

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-19 14:15:11  
Date of Next Testing: 2028-07-18 14:15:11  
Product Name: **Ammonium fluoride**  
CAS Number: 12125-01-8  
Specifications & Purity:  $\geq 99.99\%$  metals basis  
Lot #: G2415340  
SKU #: **A111762**  
Version: **0**  
Analysis #: **407036**  
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98-102 (%)	99.80 %
Total Metallic Impurities	0-100 (ppm)	6.00 ppm
Purity (Based on Trace Metals Impurities of ICP)	99.99-100 (%)	100.00 %
F (Titration with Lanthanum Nitrate)	50.3-52.3 (%)	50.50 %
Appearance (A111762)	White Powder or Crystals or Granules or Chunks	White Powder or Crystals or Granules or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager