

Certificate of Analysis

Date of Testing: 2025-03-12 16:41:22

Date of Next Testing: 2029-03-11 16:41:22

Product Name: **Ammonium fluoride**

CAS Number: 12125-01-8

Specifications & Purity: AR, ≥96%

Lot #: C2506765

SKU #: **A111758**

Version: **20**

Analysis #: **484172**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.02 (%)	0.00000 %
Free acids(NH ₄ HF ₂)	0-0.5 (%)	0.50000 %
Iron(Fe)	0-0.002 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Chloride (Cl ⁻)	0-0.005 (%)	0.00500 %
Clarity test (#)	0-4	4.00000
Assay	96-100 (%)	99.67000 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.01000 %
Fluosilicate(SiF ₆)	0-0.3 (%)	0.00 %
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



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QA & QC Manager