

## Certificate of Analysis

Date of Testing: 2022-03-23 11:18:24  
Date of Next Testing: 2026-03-22 11:18:24  
Product Name: **Ammonium fluoride**  
CAS Number: 12125-01-8  
Specifications & Purity: ACS,98%  
Lot #: C2221113  
SKU #: **A111763**  
**Analysis:** **077446**  
Storage Temperature: Room temperature

| Parameter                     | Limit Values             | Result                   |
|-------------------------------|--------------------------|--------------------------|
| Insoluble matter              | 0-0.005 (%)              | 0.00 %                   |
| Ignition Residue (as sulfate) | 0-0.01 (%)               | 0.00 %                   |
| Sulfate(SO42-)                | 0-0.005 (%)              | 0.00 %                   |
| Heavy metal (as Pb)           | 0-5 (ppm)                | 2.35 ppm                 |
| Assay                         | 98-102.5 (%)             | 100.21 %                 |
| Iron(Fe)                      | 0-5 (ppm)                | 4.86 ppm                 |
| Appearance (A111763)          | White Powder or Crystals | White Powder or Crystals |
| X-Ray Diffraction             | Conforms to Structure    | Conforms to Structure    |



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QA & QC Manager