

Certificate of Analysis

Date of Testing: 2023-07-24 17:23:49

Date of Next Testing: 2026-07-23 17:23:49

Product Name: **Ammonium fluoride**

CAS Number: 12125-01-8

Specifications & Purity: Premium-Grade Reagents , for Analysis, ACS

Lot #: G2311157

SKU #: **A431591**

Analysis: **255650**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(precipitation titration, NH4F)	98-102.5 (%)	102.49000 %
Ammonium hydrogen difluoride(NH4HF2)	0-0.5 (%)	0.02000 %
Chloride (Cl-)	0-0.001 (%)	0.00 %
Hexafluorosilicate(SiF6)	0-0.1 (%)	0.00000 %
Sulfate(SO42-)	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 (%)	4.00 %
Insoluble matter	0-0.005 (%)	0.00 %
Residue on Ignition	0-0.01 (%)	0.00000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager