



## Certificate of Analysis

Product Name: Ammonium Bifluoride  
Grade: Technical grade  
Chemical Formula:  $\text{NH}_4\text{HF}_2$   
Formula Weight: 57.04

Product Code: CP-A1100D  
Lot #2206CP2323  
CAS# 1341-49-7  
Density: 1.50 g/mL

Analytical Results		
Item	Specifications	Analysis
Description	White crystals or powder.	Pass
Identification	Pass	Pass
Assay ( $\text{NH}_4\text{HF}_2$ )	min. 95%	98.17%
Ammonium Fluoride ( $\text{NH}_4\text{F}$ )	max. 3.5%	1.3 %
Iron ( Fe )	max. 500 ppm	15 ppm
Lead ( Pb )	max. 200 ppm	3 ppm
Arsenic ( As )	max. 5 ppm	1 ppm
Water ( $\text{H}_2\text{O}$ )	max. 1.00 %	0.99%
Residue	max. 0.02%	0.02%
Sulfate ( $\text{SO}_4^{-2}$ )	max. 0.2%	0.08%
Sulfite ( $\text{SO}_3^{-2}$ )	max. 100 ppm	67 ppm
Manufacture Date	June 23, 2022	
Retest Date	June 23, 2027	

A = 500 grams

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