

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	01209
<b>Lot Number</b>	000331-33208
<b>Product</b>	<b>Ammonium fluoride</b>
<b>CAS Number</b>	12125-01-8
<b>Molecular Formula</b>	NH <sub>4</sub> F
<b>Molecular Weight</b>	37.04

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	100 g in 100 mL water at 0 °C
<b>Heavy Metals</b>	< 5 ppm (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): < 0.001% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): < 0.005%
<b>Cation</b>	Iron (Fe): 1 ppm
<b>Insoluble material</b>	< 0.001%
<b>Residue On Ignition</b>	< 0.003%
<b>Assay by titration</b>	98.20%
<b>Grade</b>	ACS reagent
<b>Application</b>	Etchant; extracting agent.
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Residue after ignition: < 0.003%
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager