



# Product Specification

## Product Name: AMMONIUM FLUORIDE AR

Alternate Name(s) Fluoroammonium

### Description

White crystals with an ammoniacal odour.

### Properties

Chemical Formula:  $\text{NH}_4\text{F}$

Molecular Weight: 37.04

Product Code: AA123

CAS No. 12125-01-8

### General Information:

Slightly soluble in alcohol. Incompatible with acids, alkali, quinine salts, soluble calcium salts and oxidising agents. Non combustible material.

### Hazard and Safety Data

UN Group: III  
Class: 6.1  
UN Number: 2505  
Hazchem code: 2X  
CS MSDS Code: 1CH7L  
Poison schedule: S6  
Emergency  
Procedure Guide No.: 37

### Quality Specification

Assay: 98.0%

### Specific Properties and Impurities [Typical levels]:

Decomposition Temp.	100 °C
pH Value (50 g/l, H <sub>2</sub> O, 20 °C)	~6
Insoluble Matter	≤ 0.005 %
Residue After Ignition	≤ 0.01 %
Chloride (Cl)	≤ 0.001 %
Sulfate (SO <sub>4</sub> )	≤ 0.005 %
Iron (Fe)	≤ 0.0005 %
Heavy Metals (as Pb)	≤ 0.0005 %

CONFORMS TO ACS

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