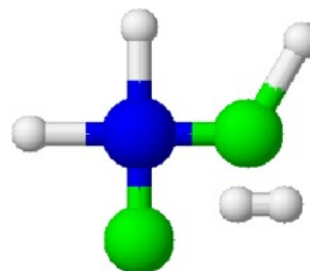


A0102NN Gold Line
Typical analysis

Assay	min 95%
Calcium (Ca)	0.005%
Chloride (Cl)	0.005%
Iron (Fe)	0.001%
Lead (Pb)	0.005%
Magnesium (Mg)	0.005%
Potassium (K)	0.005%
Sulphate (SO ₄)	0.005%

Packaging

500g white plastic jar


Physical properties, composition and data

Chemical formula	NH ₄ F.HF or H ₅ F ₂ N
Synonym	Ammonium acid fluoride; Ammonium bifluoride
Chemical group	Fluorides
Atomic weight	57.04
Appearance	White, deliquescent, orthorhombic crystals
Solubility	Water (630g/l at 20°C). Soluble in water (H ₂ O) and ethanol
Melting point	124.6°C
Boiling point	239°C with decomposition
Density (g/ml)	1.21
pH (aqueous solution)	3.5
Other information	Hygroscopic

Laboratory preparation, applications and practices

Laboratory preparation	From hydrofluoric acid and ammonia
Usage	Analytical reagent. Preparation of hydrogen fluoride

Storage and handling information

Storage	Keep in well closed plastic or rubber containers
Safety phrases	22-26-37-45
Risk phrases	25-34
Disposal methods	9
Caution	Corrodes glass

Transport regulations

Tariff code	2826.11.00
Hazardous class	8
Packing group	II
UN number	1727
ERG number	154

