

**A0078NN Gold Line**
**Typical analysis**

Assay	99%
Iron (Fe)	0.002%
Lead (Pb)	0.002%
Non-volatile matter	0.002%
Phosphate (PO <sub>4</sub> )	0.005%
Sulphate (SO <sub>4</sub> )	0.005%

**Packaging**

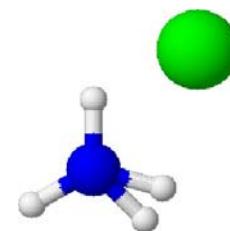
500g white plastic jar  
5kg white plastic bucket

**A0079NN Platinum Line**
**Warranty Certificate**

Assay	min 99.5%
Calcium (Ca)	0.002%
Iron (Fe)	0.0002%
Lead (Pb)	0.0002%
Phosphate (PO <sub>4</sub> )	0.0002%
Sodium (Na)	0.005%
Sulphate (SO <sub>4</sub> )	0.002%

**Packaging**

500g white plastic jar  
15kg white plastic bag


**Physical properties, composition and data**

Chemical formula	NH <sub>4</sub> Cl or ClH <sub>4</sub> N
Synonym	Almiac; Ammonium muriate; Sal ammoniac
Chemical group	Chlorides
Atomic weight	53.49
Appearance	White or colourless crystals
Solubility	Soluble in ethanol, glycerol, methanol and water
Melting point	Sublimes without melting
pH (aqueous solution)	5 - 5.5
Density (g/ml)	1.527
Incompatible substances	Alkalis and their carbonates; lead and silver salts
Other information	Somewhat hygroscopic. Tendency to cake

**Laboratory preparation, applications and practices**

Laboratory preparation	Reacting ammonium sulphate and sodium chloride solutions
Usage	Analytical reagent. Acidifier

**Storage and handling information**

Storage	Store in a cool dry place separated from incompatible substances, strong acids and bases
Safety phrases	22
Risk phrases	22-36
Disposal methods	3
Caution	Forms explosive mixture with potassium chlorate. Reacts vigorously with bromine trifluoride and bromine pentafluoride

**Transport regulations**

Tariff code	2827.10.00
ECB number	235-186-4

