

**A0091TT Gold Line****Typical analysis**

|                             |        |
|-----------------------------|--------|
| Assay                       | 95%    |
| Chloride (Cl)               | 0.05%  |
| Iron (Fe)                   | 0.01%  |
| Lead (Pb)                   | 0.005% |
| Sulphate (SO <sub>4</sub> ) | 0.05%  |

**Packaging**

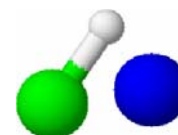
500g white plastic jar

**A0092TT Platinum Line****Warranty Certificate**

|                             |         |
|-----------------------------|---------|
| Assay                       | min 96% |
| Chloride (Cl)               | 0.002%  |
| Iron (Fe)                   | 0.005%  |
| Lead (Pb)                   | 0.001%  |
| Residue on ignition         | 0.02%   |
| Sulphate (SO <sub>4</sub> ) | 0.01%   |

**Packaging**

500g white plastic jar

**Physical properties, composition and data**

|                         |   |
|-------------------------|---|
| Chemical formula        | NH <sub>4</sub> F or FH <sub>4</sub> N                |
| Synonym                 | Fluoroammonium; Neutral ammonium fluoride             |
| Chemical group          | Fluorides   |
| Atomic weight           | 37.04   |
| Appearance              | White, deliquescent crystals, needles or leaflets     |
| Solubility              | Soluble in water                                      |
| Melting point           | Decomposition products; ammonia and hydrogen fluoride |
| Boiling point           | Decomposes  |
| Density (g/ml)          | 1.015   |
| pH (aqueous solution)   | 6   |
| Incompatible substances | Soluble calcium salts and quinine salts               |
| Other information       | Hygroscopic   |
| Hazardous material      | Toxic   |

**Laboratory preparation, applications and practices**

|                        |  |
|------------------------|--|
| Laboratory preparation | Passing ammonia gas into ice-cooled 40% hydrofluoric acid                |
| Usage                  | Analytical reagent. Reagent for the decomposition of silicates by fusion |

**Storage and handling information**

|                  |   |
|------------------|---|
| Storage          | Store in a cool dry ventilated place separated from incompatible substances and acids |
| Safety phrases   | 23/24/25  |
| Risk phrases     | 26-45   |
| Disposal methods | 9   |
| Caution          | Corrodes glass  |

**Transport regulations**

|                 |            |
|-----------------|------------|
| Tariff code     | 2826.11.00 |
| Hazardous class | 6.1        |
| Packing group   | III        |
| UN number       | 2505       |
| ERG number      | 154        |

