

**A0056NN Gold Line**

dodecahydrate

**Typical analysis**

|                             |        |
|-----------------------------|--------|
| Assay                       | 97%    |
| Ammonium (NH <sub>4</sub> ) | 0.2%   |
| Chloride (Cl)               | 0.05%  |
| Iron (Fe)                   | 0.01%  |
| Lead (Pb)                   | 0.005% |
| Water-insoluble matter      | 0.05%  |

**Packaging**

500g white plastic jar

**A0057NN Platinum Line**

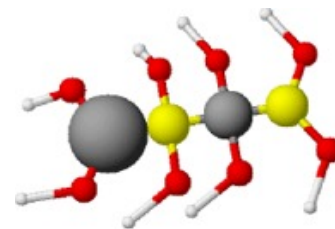
dodecahydrate

**Warranty Certificate**

|                             |         |
|-----------------------------|---------|
| Assay                       | min 99% |
| Ammonium (NH <sub>4</sub> ) | 0.0005% |
| Arsenic (As)                | 0.0002% |
| Chloride (Cl)               | 0.0005% |
| Iron (Fe)                   | 0.0005% |
| Lead (Pb)                   | 0.0005% |
| Sodium (Na)                 | 0.0001% |
| Water-insoluble matter      | 0.0005% |

**Packaging**

500g white plastic jar

**Physical properties, composition and data**

|                           |  |
|---------------------------|--|
| Chemical formula          | AlK(SO <sub>4</sub> ) <sub>2</sub> ·12H <sub>2</sub> O or AlKO <sub>8</sub> S <sub>2</sub> ·12H <sub>2</sub> O |
| Synonym                   | Alum; Kalinite; Potash alum; Potassium alum  |
| Chemical group            | Sulphates  |
| Atomic weight             | 474.39 (dodecahydrate)   |
| Appearance                | White crystalline powder or crystals   |
| Solubility                | Water (110g/l at 20°C)   |
| Melting point             | Becomes anhydrous at 200°C and decomposes  |
| Density (g/ml)            | 1.74   |
| pH (aqueous solution)     | Aqueous solution is acid: 0.2M - 3.3   |
| Products of decomposition | Loses sulphur trioxide   |

**Laboratory preparation, applications and practices**

Usage Analytical reagent. Mordant in staining. Hardening agent in microscopy

**Storage and handling information**Storage Keep container well closed  
Disposal methods 3**Transport regulations**Tariff code 2833.30.90  
ECB number 233-141-3