

A0120NN Gold Line**Typical analysis**

| | |
|---------------------|--------|
| Assay | 98% |
| Chloride (Cl) | 0.001% |
| Iron (Fe) | 0.001% |
| Lead (Pb) | 0.001% |
| Non-volatile matter | 0.2% |

Packaging

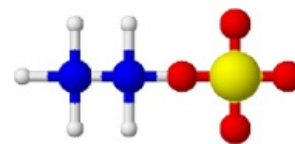
500g white plastic jar

A0121NN Platinum Line**Warranty certificate**

| | |
|------------------------------|---------|
| Assay | min 99% |
| Chloride (Cl) | 0.0005% |
| Iron (Fe) | 0.0005% |
| Lead (Pb) | 0.0005% |
| Magnesium (Mg) | 0.0002% |
| Nitrate (NO ₃) | 0.001% |
| Phosphate (PO ₄) | 0.0005% |
| Sodium (Na) | 0.002% |
| Water-insoluble matter | 0.005% |
| Zinc (Zn) | 0.0001% |

Packaging

500g white plastic jar

**Physical properties, composition and data**

| | |
|-----------------------|---|
| Chemical formula | (NH ₄) ₂ SO ₄ or H ₈ N ₂ O ₄ S |
| Chemical group | Sulphates |
| Synonym | Sulphuric acid diammonium salt; Mascagnite |
| Atomic weight | 132.14 |
| Appearance | Brownish-grey to white crystals |
| Solubility | Soluble in water (70.6g/l at 0°C, 76.7g/l at 25°C and 103.8g/l at 100°C) |
| Melting point | Decomposes above 280°C |
| Density (g/ml) | 1.77 |
| pH (aqueous solution) | 5.5 |

Laboratory preparation, applications and practices

| | |
|------------------------|--|
| Laboratory preparation | Neutralizing synthetic ammonia with sulphuric acid |
| Usage | Analytical reagent |

Storage and handling information

| | |
|------------------|-----------------------------------|
| Storage | Store separated from strong bases |
| Disposal methods | 3 |

Transport regulations

| | |
|-------------|------------|
| Tariff code | 3102.21.00 |
| ECB number | 231-984-1 |

