

A0085NN Gold Line

hexahydrate

Typical analysis

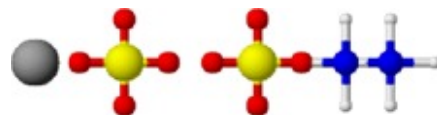
Assay	98%
Chloride (Cl)	0.01%
Iron (Fe)	0.1%
Zinc (Zn)	0.5%

A0086NN Platinum Line

hexahydrate

Warranty Certificate

Assay	min 99%
Calcium (Ca)	0.02%
Chloride (Cl)	0.005%
Copper (Cu)	0.002%
Iron (Fe)	0.05%
Magnesium (Mg)	0.02%
Potassium (K)	0.01%
Sodium (Na)	0.01%
Zinc (Zn)	0.01%



Packaging

500g white plastic jar

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500g white plastic jar

Physical properties, composition and data

Chemical formula	$(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ or $\text{FeH}_8\text{N}_2\text{O}_8\text{S}_2 \cdot 6\text{H}_2\text{O}$
Synonym	Ammonium iron sulphate; Ammonium iron (II) sulphate; Ferrous ammonium sulphate; Iron (II) ammonium sulphate; Mohr's salt
Chemical group	Sulphates
Atomic weight	392.14
Appearance	Pale blue-green crystals or crystalline powder
Solubility	Soluble in water
Melting point	Decomposes at 100 - 110°C
Boiling point	Decomposes
Density (g/ml)	1.86
pH (aqueous solution)	3 - 5
Products of decomposition	Slowly oxidises and effloresces in air evolving sulphur trioxide and ammonia
Other information	Air and light sensitive

Laboratory preparation, applications and practices

Laboratory preparation	Manufactured from Iron (Fe), Sulphuric acid (H_2SO_4) and ammonia (NH_3)
Usage	Analytical reagent

Storage and handling information

Storage	Keep container tightly closed in a cool dry place, protected from light. Mechanical exhaust required
Disposal methods	3

Transport regulations

Tariff code	2842.90.90
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