

A0058NN Gold Line

octadecahydrate

Typical analysis

Assay	97%
Arsenic (As)	0.001%
Iron (Fe)	0.01%
Lead (Pb)	0.003%

Packaging

500g white plastic jar

A0059NN Platinum Line

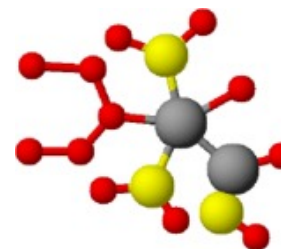
octadecahydrate

Warranty Certificate

Assay	100 - 110%
Ammonium (NH ₄)	0.003%
Arsenic (As)	0.0005%
Chloride (Cl)	0.005%
Iron (Fe)	0.005%
Lead (Pb)	0.001%

Packaging

500g white plastic jar



Physical properties, composition and data

Chemical formula	Al ₂ (SO ₄) ₃ ·18H ₂ O or Al ₂ O ₁₂ S ₃ ·18H ₂ O
Synonym	Alum; Cake alum; Filter alum; Pearl alum; Pickle alum
Chemical group	Sulphates
Atomic weight	666.42
Appearance	White, lustrous crystals, pieces, granules or powder
Solubility	Soluble in water (600g/l at 20°C)
Melting point	92°C with decomposition
Density (g/ml)	1.62
pH (aqueous solution)	Aqueous solution is acid: 3 - 4
Products of decomposition	Aluminium oxide and sulphur oxides
Other information	Hygroscopic

Laboratory preparation, applications and practices

Laboratory preparation	Dissolve aluminium hydroxide in sulphuric acid
Usage	Analytical reagent

Storage and handling information

Storage	Store in a dry place, separated from strong bases
Disposal methods	3

Transport regulations

Tariff code	2833.22.00
ECB number	233-135-0

