magnesium nitrate

cas 13446-18-9

M1380NN	Gold Line
hexahydrate	
Typical analysis	
Assay	min 97%
Alkalis	0.5%
Chloride (Cl)	0.005%
Iron (Fe)	0.01%
Lead (Pb)	0.01%
Sulphate (SO_4)	0.2%

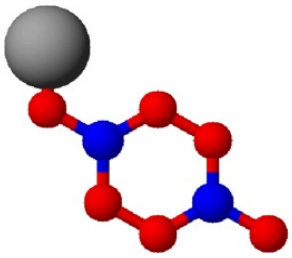
Packaging

500g white plastic jar

M1381NN	Platinum Line
hexahydrate	
Warranty certificate	
Assay (Complexometric)	min 98%
Calcium (Ca)	0.05%
Chloride (Cl)	0.001%
Iron (Fe)	0.0005%
Lead (Pb)	0.001%
Phosphate (PO_4)	0.0005%
Sodium (Na)	0.005%
Sulphate (SO_4)	0.005%
Water-insoluble matter	0.005%

Packaging

100g white plastic jar
500g white plastic jar



Physical properties, composition and data

Chemical formula	$Mg(NO_3)_2.6H_2O$ or $MgN_2O_6.6H_2O$
Synonym	Nitric acid magnesium salt
Chemical group	Nitrates
Occurrence in nature	In the Earth's crust in the mineral nitromagnesite
Atomic weight	256.41
Appearance	Colourless, deliquescent crystals
Solubility	Soluble in water
Melting point	95°C with decomposition
Boiling point	Decomposes
Density (g/ml)	1.464
Incompatible substances	Organic materials
Other information	Strong oxidising agent
pH (aqueous solution)	5.0 - 8.2

Laboratory preparation, applications and practices

Laboratory preparation	Action of nitric acid on magnesium oxide with subsequent crystallization
Usage	Analytical reagent. Matrix modifier in the determination of serum aluminium and chromium

Storage and handling information

Storage	Store in a dry place separated from incompatible, combustible substances and reducing agents
Safety phrases	17-24-26
Risk phrases	8-36/38
Disposal methods	3
Caution	Dangerous fire and explosion risk in contact with organic materials

Transport regulations

Tariff code	2834.29.90
Hazardous class	5.1
Packing group	III
UN number	1474
ERG number	140
ECB number	233-826-7