

GRM3923 Magnesium nitrate hexahydrate, Hi-AR™/ACS**Product Number Packing**

GRM3923 : 500G

Product Information

Product Code : GRM3923
Product Name : Magnesium nitrate hexahydrate, Hi-AR™/ACS
Molecular Formula : $Mg(NO_3)_2 \cdot 6H_2O$
Molecular Weight : 256.41
CAS No. : 13446-18-9
EC No. : 233-826-7
HS Code : 2834 29 80
Shelf Life : 4 years

Technical Specification

Appearance : White deliquescent crystals or powder or solid
Solubility : 1000 mg soluble in 1 mL of water
pH (5% in water at 25° C) : 5.00 - 8.20
Chloride (Cl) : $\leq 0.001\%$
Ammonium (NH₄) : $\leq 0.003\%$
Calcium (Ca) : $\leq 0.01\%$
Heavy metals (as Pb) : $\leq 0.0005\%$
Iron (Fe) : $\leq 0.0005\%$
Insoluble matter : $\leq 0.005\%$
Strontium (Sr) : $\leq 0.005\%$
Sodium (Na) : $\leq 0.005\%$
Potassium (K) : $\leq 0.005\%$
Barium (Ba) : $\leq 0.005\%$
Phosphate (PO₄) : ≤ 0.0005
Manganese (Mn) : ≤ 0.0005
Sulfate (SO₄) : $\leq 0.005\%$
Assay (EDTA Titration) : 98.00 - 102.00%

Risk and Safety Information

WGK : 1
RTECS : OM3756000
Storage Temperature(°C) : Store below 30°C

Transport Information

Marine Pollutant : No
ADR/RID : Not Dangerous Goods
IMDG : Not Dangerous Goods
IATA : Not Dangerous Goods