
Magnesium nitrate hexahydrate, Hi-AR[®]

GRM1380

Product Identifier

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|-------------------|---|--|
| CAS No. | : | 13446-18-9 |
| EC No. | : | 233-826-7 |
| Molecular Formula | : | Mg(NO ₃) ₂ ·6H ₂ O |
| Molecular Weight | : | 256.41 |
| HS Code | : | 2834 29 20 |
| Storage | : | Below 30°C |
| 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) | : | <= 0.001% |
| Calcium (Ca) | : | <= 0.002% |
| Ammonium (NH ₄) | : | <= 0.002% |
| Lead (Pb) | : | <= 0.0002% |
| Iron (Fe) | : | <= 0.0002% |
| Sulfate (SO ₄) | : | <= 0.002% |
| Water insoluble matter | : | <= 0.003% |
| Zinc (Zn) | : | <= 0.0005% |
| Strontium (Sr) | : | <= 0.002% |
| Sodium (Na) | : | <= 0.001% |
| Potassium (K) | : | <= 0.001% |
| Manganese (Mn) | : | <= 0.0005% |
| Copper (Cu) | : | <= 0.0002% |
| Barium (Ba) | : | <= 0.001% |
| Phosphate (PO ₄) | : | <= 0.0005% |
| Assay (EDTA Titration) | : | 97.50 - 102.00% |

Safety Information

| | | |
|---------------|---|---------------------|
| UN No. | : | Not dangerous goods |
| Class | : | - |
| Packing Group | : | - |
| RTECS | : | OM3756000 |
| WGK | : | 1 |