



ACROS ORGANICS part of Thermo Fisher Scientific

thermo
scientific

Product Specifications

Product 21756

Magnesium nitrate hexahydrate, 99+%, for analysis

General Product Data

Version	4
CAS No	13446-18-9
Molecular weight	256.40
Molecular formula	Mg N ₂ O ₆ · 6 H ₂ O
Linear formula	Mg(NO ₃) ₂ ·6H ₂ O
Flash point (°C)	93.3

Product Specifications

Appearance (Color)	White
Appearance (Form)	Crystalline powder or crystals
Titration Complexometric	≥99.0 %
Heavy metals (as Pb)	≤5 ppm
pH	5.0 to 8.2 (5 % in water at 20°C)
Sulfate (SO ₄)	≤50 ppm
Chloride (Cl)	≤10 ppm
Iron (Fe)	≤5 ppm
Calcium (Ca)	≤100 ppm
Barium (Ba)	≤20 ppm
Strontium (Sr)	≤20 ppm

Product Specifications are subject to amendment and may change over time.