

PRODUCT SPECIFICATION

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Catalog : M1050

Magnesium Nitrate, Hexahydrate, Crystal, Reagent, ACS

CAS# : 13446-18-9

Formula : $\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$

Formula Weight : 256.41

Test

Limit Min. Max.

ASSAY $[\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}]$	98.0 - 102.0 %
pH OF A 5% SOLUTION @ 25°C	5.0 - 8.2
INSOLUBLE MATTER	-- 0.005 %
CHLORIDE (Cl)	-- 0.001 %
PHOSPHATE (PO_4)	-- 5 PPM
SULFATES (SO_4)	-- 0.005 %
AMMONIUM (NH_4)	-- 0.003 %
BARIUM	-- 0.005 %
CALCIUM (Ca)	-- 0.01 %
HEAVY METALS (as Pb)	-- 5 PPM
IRON (Fe)	-- 5 PPM
MANGANESE (Mn)	-- 5 PPM
POTASSIUM (K)	-- 0.005 %
SODIUM (Na)	-- 0.005 %
STRONTIUM (Sr)	-- 0.005 %
EXPIRATION DATE	