



Specification for Magnesium Nitrate, Hexahydrate, Crystal, Reagent, ACS (M1050)

Item Number	M1050
Item	Magnesium Nitrate, Hexahydrate, Crystal, Reagent, ACS
CAS Number	13446-18-9
Molecular Formula	$Mg(NO_3)_2 \cdot 6H_2O$
Molecular Weight	256.41
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY [$Mg(NO_3)_2 \cdot 6H_2O$]	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 (by ICP-OES)		5 ppm
IRON (Fe)		5 ppm
MANGANESE (Mn)		5 ppm
POTASSIUM (K)		0.005 %
SODIUM (Na)		0.005 %
STRONTIUM (Sr)		0.005 %

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