



Specification for Magnesium Sulfate, Heptahydrate, Crystal, Reagent, ACS (M1065)

Item Number	M1065
Item	Magnesium Sulfate, Heptahydrate, Crystal, Reagent, ACS
CAS Number	10034-99-8
Molecular Formula	MgSO ₄ •7H ₂ O
Molecular Weight	246.48
MDL Number	
Synonyms	Epsom Salts

Test	Specification	
	Min	Max
ASSAY (MgSO ₄ •7H ₂ O)	98.0	102.0 %
pH OF A 5% SOLUTION @ 25°C	5.0	8.2
INSOLUBLE MATTER		0.005 %
CHLORIDE (Cl)		5 ppm
NITRATE (NO ₃)		0.002 %
AMMONIUM (NH ₄)		0.002 %
CALCIUM (Ca)		0.02 %
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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