
Magnesium sulphate heptahydrate, Hi-ARTM/ACS

GRM684

Product Identifier

CAS No.	:	10034-99-8
EC No.	:	231-298-2
Molecular Formula	:	MgSO ₄ .7H ₂ O
Molecular Weight	:	246.47
HS Code	:	2833 21 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White crystals or powder or solid
Solubility	:	100 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	5.00 - 8.20
Water insoluble matter	:	<= 0.005%
Calcium (Ca)	:	<= 0.02%
Heavy metals (as Pb)	:	<= 0.0005%
Iron (Fe)	:	<= 0.0005%
Manganese (Mn)	:	<= 0.0005%
Sodium (Na)	:	<= 0.005%
Strontium (Sr)	:	<= 0.005%
Potassium (K)	:	<= 0.005%
Chloride (Cl)	:	<= 0.0005%
Nitrate (NO ₃)	:	<= 0.002%
Ammonium (NH ₄)	:	<= 0.002%
Assay (EDTA Titration)	:	99.50 - 102.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	OM4508000
WGK	:	1