

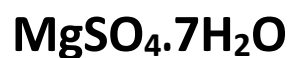


Product Specification

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MAGNESIUM SULPHATE HEPTAHYDRATE PURE

PRODUCT CODE	029117
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10034-99-8)
ATOMIC OR MOLECULAR FORMULA	MgSO ₄ .7H ₂ O
ATOMIC OR MOLECULAR WEIGHT	246.47
PROPERTIES	Loses 4H ₂ O at 70 -80°C; loses 5H ₂ O at 100°C; loses 6H ₂ O at 120°C; loses last H ₂ O at 250°C; Noncombustible.
PARAMETER	LIMIT
Description	Colourless efflorescent crystals or white crystalline powder
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Complexometric; Cal.on dried substance)	99.0%
pH (5% soln. in water)	5.0 – 8.2
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying(at 110 for 1 hr,then ignite at 400°C)	48 – 52%
Chloride (Cl)	0.02%
Arsenic (As)	0.0005%
Iron (Fe)	0.002%
Heavy metals (Pb)	0.001%
Note(s) : 1] Assay (if applicable) method mentioned.	
WARNING Hazard statements : Causes eye irritation Precautionary statements Prevention : Wash hands thoroughly after handling. Response : If eye irritation persists, get medical advice/attention.IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
Disposal: -----	
Hazard Pictogram(s) :	



Replace date 08-Nov-2025