

Magnesium Sulphate, 7-Hydrate, (For Parenteral Use)  
USP - GenAR®



Material No.: 5691-24  
Revision No.: 0

## Product Specification

Meets B.P. Chemical Specifications, Meets E.P. Chemical Specifications, Meets U.S.P Requirements, GMP Manufactured Product

Test	Specification
USP - Assay (as MgSO <sub>4</sub> )	99.0 - 100.5 %
Appearance	Passes Test
Solubility (5 in 50)	Passes Test
USP - Identification A	Passes Test
USP - Identification B	Passes Test
USP - pH	5.0 - 9.2
USP - Loss on Ignition	40.0 - 52.0 %
USP - Chloride (Cl)	≤ 0.014 %
USP - Selenium (Se)	≤ 0.003 %
USP - Iron (Fe)	≤ 0.5 ppm
Assay (MgSO <sub>4</sub> )	99.0 - 100.5 %
EP/BP - Identification A	Passes Test
EP/BP - Identification B	Passes Test
EP/BP - Appearance of Solution	Passes Test
EP/BP - Acidity or Alkalinity	Passes Test
EP/BP - Chloride (Cl)	≤ 300 ppm
EP - Iron (Fe)	≤ 20 ppm
EP/BP - Loss on Drying	48.0 - 52.0 %

For questions on this Product Specification please contact Technical Services at 855.282.6867 or +1.610.386.1700  
Avantor Performance Materials, LLC  
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

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GMP Manufactured Product  
Bulk Pharmaceutical Chemical  
CAUTION: For Manufacturing, processing or repackaging  
Elemental Impurities (USP (232), EP 5.20) - Information on elemental impurities for this product is available on the associated Product Regulatory Data Sheet and elemental impurity profile report.  
No Class 1,2,3 or other solvents are used or produced in the manufacturing or purification of the product.

Packaging Site: Paris Mfg Ctr & DC

  
Jamie Ethier  
Vice President Global Quality

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