



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Magnesium Sulfate Heptahydrate, molecular biology reagent_
Catalog Number: 194833_
Lot: Q1782_

Formula: MgSO₄·7H₂O

CAS #: 10034-99-8

Physical Description: White Powder

Formula Weight: 246.47

Storage: Room Temperature

Test	Specification	Results
Identity Test	Passes	Passes
Purity	#99%	99.35%
Moisture	Report Result	38.35%

pH (5% aq soln, 25°C): 6.12

Insoluble Matter: 0.0025%

Chloride: <5 ppm

Nitrate: <0.002%

Ammonium (NH₄): <0.002%

Calcium: 0.007%

Manganese (Mn): 3 ppm

Potassium: 0.0008%

Sodium: 0.0021%

Strontium: 0.0003%

Heavy Metals: <5 ppm

Iron: <5 ppm

Recommended Retest Date:06/01/2018

Christina Marotta

03/16/2015 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

