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Certificate of Analysis

Product Description: Magnesium Sulfate Heptahydrate, molecular biology reagent_
Catalog Number: 194833_
Lot: Q3765_

Formula: MgSO₄·7H₂O

CAS #: 10034-99-8

Physical Description: White Crystalline Powder

Formula Weight: 246.47

Storage: Room Temperature

Test	Specification	Results
Identity Test	Passes	Passes
Purity	#99%	99.45%
Moisture	Report Result	38.77%

pH (5% aq soln, 25°C): 6.15

Insoluble Matter: 0.002%

Chloride: <5 ppm

Nitrate: <0.002%

Ammonium (NH₄): <0.002%

Calcium: 0.006%

Manganese (Mn): 3 ppm

Potassium: 0.0011%

Sodium: 0.0018%

Strontium: 0.0007%

Heavy Metals: <5 ppm

Iron: <5 ppm

Recommended Retest Date: 06/13/2020

03/07/2016 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

This is an electronically generated document
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<http://www.mpbio.com>

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

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)