



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: Magnesium Sulfate Heptahydrate, molecular biology reagent

Catalog Number: 194833

Lot: 8319K

Formula: MgSO₄·7H₂O

CAS #: 10034-99-8

Physical Description: White Crystalline Powder

Formula Weight: 246.5

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	101.22%
Moisture	Report Result	37.38%

Ammonium (NH₄): <0.002%

Calcium: 0.0013%

Chloride: <5 ppm

Heavy Metals: <5 ppm

Insoluble Matter: 0.003%

Iron: <5 ppm

Manganese (Mn): 3 ppm

Nitrate: 0.001%

pH (5% aq soln, 25°C): 5.96

Potassium: 0.0003%

Sodium: 0.0004%

Strontium (Sr): 0.0014%

Christina Marotta

09/27/2010 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

<mailto:biotech@mpbio.com>

<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)

