



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Magnesium Sulfate Heptahydrate, molecular biology reagent\_  
**Catalog Number:** 194833\_  
**Lot:** 9537H\_

**Formula:** MgSO<sub>4</sub>·7H<sub>2</sub>O

**CAS #:** 10034-99-8

**Physical Description:** White Crystalline Powder

**Formula Weight:** 246.48

**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	100.42%
Moisture	Report Result	37.1%

pH (5% aq soln): 6.72  
Insoluble Matter: 0.002%  
Chloride: 4 ppm  
Nitrate: 0.0015%  
Ammonium: 0.0005%  
Calcium: 0.0079%  
Manganese: 4 ppm  
Potassium: 0.0008%  
Sodium: 0.0009%  
Strontium: 0.0017%  
Heavy Metals: 1.5 ppm  
Iron: 1 ppm

12/29/2005 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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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)

