



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Magnesium Sulfate Heptahydrate, molecular biology reagent  
**Catalog Number:** 194833  
**Lot:** 2411KA

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

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

**Physical Description:** White Crystalline Powder

**Formula Weight:** 246.5

**Storage:** Room Temperature

Assay: 101.01%  
Ammonium: 0.0006%  
Calcium: 0.0098%  
Chloride: 2 ppm  
Heavy Metals: 4 ppm  
Insoluble Matter: 0.003%  
Iron: 1.5 ppm  
Manganese: 4 ppm  
Nitrate: 0.001%  
pH (5% aq soln, 25°C): 6.57  
Potassium: 0.003%  
Sodium: 0.0032%  
Strontium: 0.0045%

12/15/2008 - 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)