



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Magnesium Sulfate Heptahydrate, molecular biology reagent

**Catalog Number:** 194833

**Lot:** 4508KA

**Formula:**  $MgSO_4 \cdot 7H_2O$

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

**Physical Description:** White Crystalline Powder

**Formula Weight:** 246.5

**Storage:** Room Temperature

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 of a 5% solution @ 25 deg C  
Potassium: 0.003%  
Sodium: 0.0032%  
Strontium: 0.0045%  
Purity: 101.01%

08/05/2009 - 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)