



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Magnesium Sulfate Heptahydrate, molecular biology reagent.  
**Catalog Number:** 194833.  
**Lot:** 5720J.

**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

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.03%
Moisture	Report Result	N/A

Ammonium: 0.0007%

Calcium: 0.009%

Chloride: 2 ppm

Heavy Metals: 2 ppm

Insoluble Matter: 0.002%

Iron: 2 ppm

Manganese: 4.5 ppm

Nitrate: 0.001%

Potassium: 0.002%

Sodium: 0.0046%

Strontium: 0.0045%

05/16/2007 - 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)