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Certificate of Analysis

Product Description: Magnesium Sulfate Heptahydrate, molecular biology reagent
Catalog Number: 194833
Lot: Q2958

Formula: MgSO₄·7H₂O**CAS #:** 10034-99-8**Physical Description:** White crystalline powder**Formula Weight:** 246.47**Storage:** Room Temperature

Test	Specification	Results
Identity Test	Passes	Passes
Purity	≥99%	99.35%
Moisture	Report Result	37.3%

pH (5% aq soln, 25°C): 6.12

Insoluble Matter: 0.0025%

Chloride: <5 ppm

Nitrate: <0.002%

Ammonium (NH₄): <0.002%

Calcium: 0.007%

Manganese (Mn): 3 ppm

Potassium: 0.0008%

Sodium: 0.0021%

Strontium: 0.0003%

Heavy Metals: <5 ppm

Iron: <5 ppm

Recommended Retest Date: 6/1/2018



09/21/2015 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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