

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Calcium Chloride Dihydrate, cell culture reagent

Catalog Number: 194635

Lot: R27646

Formula: $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$

CAS #: 10035-04-8

Physical Description: White Crystalline Powder

Formula Weight: 147

Storage: Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~99%	101.41%
pH (5% aq soln)	4 - 9.5	6.09

Ammonium: <0.005%

Barium: <0.005%

Heavy Metals: <5 ppm

Insoluble Matter: 0.003%

Iron: <5 ppm

Magnesium: 0.0048%

Oxidizing Substances: <0.003%

Potassium: 0.0004%

Sodium: 0.0006%

Strontium: 0.03%

Sulfate: <0.01%

12/08/2010 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

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)