



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Calcium Chloride Dihydrate, molecular biology reagent.

Catalog Number: 194815_

Lot: R20810_

Formula: CaCl₂ · 2H₂O

CAS #: 10035-04-8

Physical Description: White Powder

Formula Weight: 147

Storage: Room Temperature, desiccate

| Test | Specification | Result |
|-----------------|---------------|--------|
| Identity Test | Passes | Passes |
| Purity | ~99% | 99.84% |
| pH (5% aq soln) | 4 - 9.5 | 6.53 |

Insoluble Matter: 0.004%
Sulfate: 0.005%
Ammonium: 0.002%
Barium: 0.002%
Heavy Metals: 3 ppm
Iron: 0.0005%
Magnesium: 0.0009%
Potassium: 0.0005%
Sodium: 0.0026%
Strontium: 0.0043%
Oxidizing Substances: 0.002%

11/30/2005 - 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)