



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Agarose, High Resolution, molecular biology reagent
Catalog Number: 193984
Lot: MR31875

Formula: N/A
CAS #: N/A
Physical Description: White Powder

Formula Weight: N/A
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Electroendosmosis	≤0.12	0.11
Gel Strength	Report Result	1,140 gm/cm ²
Gel Temperature (1%)	<30°C	25.1°C
Functionality Test	Passes	Passes

Sulfate: 0.075%
Moisture: 3.99%
Gel Strength (1.% soln): 310 gm/cm²
Ash: 0.31%
Clarity: 3.97
pH:
- in soln: 6.85
- in gel: 6.78
A450nm: 0.047
Melting point: 64.5°C
Particle size:
- over sieve 60: 0.10%
- over sieve 100: 22.7%
- over sieve 140: 39.50%
- over sieve 200: 17.15%
- under sieve 200: 21.70%
RNase & Dnase: None detected

Christina Marotta

09/26/2014 - Christina Marotta
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)