



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Agarose, Low Gel Temperature.
Catalog Number: 800257; 800258; 800259; 800778; 800779; 820726.
Lot: R25099.

Formula: N/A CAS #: 9012-36-6 Physical Description: Fine, White Powder	Formula Weight: N/A Storage: Room Temperature
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Test	Specification	Result
Identity Test	Passes	Passes
Electroendosmosis	<0.15	0.11
Gel Strength (1.5% soln)	$\geq 550 \text{ gm/cm}^2$	950 g/cm ²
Gel Temperature (1%)	$\leq 30^\circ\text{C}$	24.5° C
Sulfate	$\leq 0.15\%$	0.058%
Moisture	$\leq 10\%$	3.50%
Functionality Test	Passes	Passes

Clarity: 2.64
pH in Solution: 8.21
pH in Gel: 7.98
Colorimetry (Absorbance) 0.019
Melting Temperature: 65.3°
Ash: 0.20%
Particle Size:
over sieve 60: 0.50%
over sieve 100: 23.85%
over sieve 140: 33.25%
over sieve 200: 19.60%
under sieve 200: 22.90%

11/26/2008 - 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)