MP Biomedicals, LLC
29525 Fountain Parkway
Solon, Ohio 44139
Telephone: 440/337-1200
Toll Free: 800/854-0530
Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

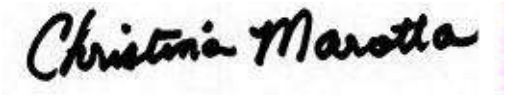
Product Description: Agarose, electrophoresis grade
Catalog Number: 100267
Lot: MR30175

Formula: N/A
CAS #: 9012-36-6
Physical Description: White Powder
Formula Weight: N/A
Storage: Room Temperature

Test	Specification	Result
Electroendosmosis	0.11 - 0.17	0.12
Gel Strength (1.5% gel)	≥2000 g/cm^2	2,900 g/cm^2
Melting Point	87.3 - 89.5°C	88.2°C
Moisture	≤5%	1.86%
pH (1% aq soln)	5.5 - 7.5	6.85
Sulfate	≤0.15	0.089%
Gel Temperature	35 - 37°C	36.6°C

Gel Strength (1.0% gel): 1,295 g/cm2
pH in gel: 7.12
Clarity (NTU): 2.82
Colorimetry (Absorbance) nmu 450: 0.039
Particle Size (A.S.T.M.):
- over sieve 60: 0.05%
- over sieve 100: 6.10%
- over sieve 140: 36.90%
- over sieve 200: 25.00%
- under sieve 200: 31.90%

DNase & RNase: None Detected



03/04/2013 - *Christina Marotta*
MP Biomedicals, LLC.
Technical Director

This is an electronically generated document

mailto:biotech@mpbio.com
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)