

Certificate of Analysis

Product Description: Basic Agarose Premier, Molecular Biology Grade
Catalog Number: AGAF0100
Lot: 1920H447

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

Formula Weight: N/A
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Gelling Temperature (1.5% gel)	36 ± 1.5°C	35.5°C
Melting Temperature (1.5% gel)	89 ± 1.5°C	88.0°C
Gel Strength (1% gel)	≥1000 g/cm ²	1110 g/cm ²
Gel Strength (1.5% gel)	≥2000 g/cm ²	2600 g/cm ²
Sulfate	<0.14%	0.105%
DNase/RNase	None Detected	Not Detected

Moisture: 6.39%

Ash: 0.40%

pH in solution: 6.85 (1.5%)

pH in gel: 6.94 (1.5% gel)

Recommended Retest Date (MM/ DD/YYYY): 03/31/2024



02/25/2020 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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)