

## Certificate of Analysis

**Product Description:** Basic Agarose Premier, Molecular Biology Grade  
**Catalog Number:** AGAF0100  
**Lot:** 2217H618

**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	36.2°C
Melting Temperature (1.5% gel)	89 ± 1.5°C	88°C
Gel Strength (1% gel)	≥1000 g/cm <sup>2</sup>	1180 g/cm <sup>2</sup>
Gel Strength (1.5% gel)	≥2000 g/cm <sup>2</sup>	2585 g/cm <sup>2</sup>
Sulfate	<0.14%	0.138%
DNase/RNase	None Detected	None Detected

Moisture: 6.48%  
Ash: 0.44%  
pH (1.5% soln): 7.13  
pH (1.5% gel): 7.53  
Recommended Retest Date (MM/DD/YYYY): 01/31/2027



05/11/2022 - Fengqi An  
MP Biomedicals, LLC.  
Life Science QC Supervisor

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