

Certificate of Analysis

Product Description: Basic Agarose Premier, Molecular Biology Grade_
Catalog Number: AGAF0100_
Lot: 1429H357_

Formula: N/A

CAS #: N/A

Physical Description: White Powder

Formula Weight: N/A

Storage: Room Temperature

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	88.0°C
Gel Strength (1% gel)	#1000 g/cm ²	1120 g/cm ²
Gel Strength (1.5% gel)	#2500 g/cm ²	2905 g/cm ²
Sulfate	<0.14%	0.093%
DNase/RNase	None Detected	None Detected

Moisture: 4.38%

Ash: 0.34%

pH in solution (1.5%): 6.76

pH in gel (1.55 gel): 6.77



10/01/2014 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

<http://www.mpbio.com>

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