

Certificate of Analysis

Product Description: Basic Agarose Premier Sample, Molecular Biology Grade_
Catalog Number: AGAFSAMP_
Lot: 1139H313R_

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	87.6°C
Gel Strength (1% gel)	#1000 g/cm ²	1120 g/cm ²
Gel Strength (1.5% gel)	#2500 g/cm ²	2745 g/cm ²
Sulfate	<0.14%	0.097%
DNase/RNase	None Detected	None Detected

Moisture: 4.09%

Ash: 0.28%

pH in solution (1.5%): 6.72

pH in gel (1.5% gel): 6.62

Recommended Retest Date: 07/31/2018

08/31/2017 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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