

Certificate of Analysis

Product Description: QA-Agarose™ Multipurpose_
Catalog Number: AGAP0100; AGAP0300_
Lot: 2148H601_

Formula: N/A
CAS #: N/A
Physical Description: 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	36.4°C
Melting Temperature (1.5% gel)	89 ± 1.5°C	88.8°C
Gel Strength (1.5% gel)	>3200 g/cm2	3770 g/cm2
Electroendosmosis	<0.12%	0.11% (pH 8.4, Weime method)
Sulfate	#0.12%	0.092%
DNase/RNase	None Detected	None Detected
DNA Blotting	Complete Transfer	Complete Transfer
Inhibition of Ligation and Restriction Enzymes	None Detected	None Detected

Gel Strength (1% gel): 1935g/cm2

pH (1.5% gel): 7.43

Moisture: 4.18%

Ash: 0.20%

Recommended Retest Date (MM/DD/YYYY): 09/30/2024



01/06/2022 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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