

Certificate of Analysis

Product Description: Agarose, Molecular Biology Grade_
Catalog Number: AGAH0100; AGAH0250; AGAH0500_
Lot: YA1202_

Formula: N/A
CAS #: 9012-36-6
Physical Description: White Powder

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

Test	Specification	Result
Identity Test	Passes	Passes
Gelling Temperature (1.5% gel)	36 ± 2°C	36.0°C
Melting Temperature (1.5% gel)	~89°C	88.0°C
Gel Strength (1% gel)	#1200 g/cm ²	1610 g/cm ²
Electroendosmosis	#0.12	0.09
Sulphate	#0.15%	0.09%
DNAase/RNase Activity	None Detected	None Detected

Gel Strength (1.5% Gel): 2277 g/cm²

Water: 8.30%

Ash: 0.10%

Recommended Retest Date (MM/DD/YYYY): 09/21/2022



12/04/2020 - John Huang, PhD

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