

## Certificate of Analysis

Date of Testing: 2023-05-24 15:25:49  
Date of Next Testing: 2026-05-23 15:25:49  
Product Name: **Agarose**  
CAS Number: 9012-36-6  
Specifications & Purity: High Gelling Temperature  
Lot #: E2317281  
SKU #: **A434536**  
Analysis: **211258**

Parameter	Limit Values	Result
Moisture content	0-10 (%)	7.41%
Sulfate(SO42-)	0-0.3 (%)	0.02%
Gel strength(1% Gel)	≥900 (g/cm <sup>2</sup> )	1210.00000 g/cm <sup>2</sup>
Electroendosmosis (-MR)	0-0.15	0.06
Gel Temperature Gel Point (1.5%Gel)	39.5-43.5 (°C)	41.00000 °C
Melt temperature (1.5%Gel)	86.5-89.5 (°C)	88.50000 °C
Appearance(A434536)	white to off-white powder	White to Off-White Powder



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