

Certificate of Analysis

Date of Testing: 2023-08-11 10:28:26

Date of Next Testing: 2026-08-10 10:28:26

Product Name: **Agarose**

CAS Number: 9012-36-6

Specifications & Purity: High EEO

Lot #: H2303152

SKU #: **A434534**

Analysis: 254425

Parameter	Limit Values	Result
Electroendosmosis (-MR)	0.23-0.26	0.24
Loss on drying	0-10 (%)	7.60 %
Sulfate(SO42-)	0-0.2 (%)	0.18 %
Gel strength(1% Gel)	≥1000 (g/cm ²)	1300.00000 g/cm ²
Gel Temperature (1.5% gel)	34.5-37.5 (°C)	37.50 °C
Melting point(1.5% Gel)	86.5-89.5 (°C)	89.50000 °C
Appearance(A434534)	White to Off-White Powder	White to Off-White Powder
Solubility(1g in 100 mL H ₂ O)Colorless Clear Liquid	pass	Pass
DNases	none detected	none detected
RNases	none detected	none detected
proteases	none detected	none detected



John Su
QA & QC Manager