

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-05 11:05:12

Date of Next Testing: 2028-08-04 11:05:12

Product Name: **Agarose**

CAS Number: 9012-36-6

Specifications & Purity: BioReagent, Suitable for molecular biology, low EEO

Lot #: G2530128

SKU #: **A434541**

Version: **1**

Analysis #: **482543**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Electroendosmosis (-MR)	0.09-0.13	0.09000
Gel strength(1% Gel)	≥ 1200 (g/cm ²)	1286.00000 g/cm ²
Gel Point(1.5%)	34.5-37.5 (°C)	36.00000 °C
Sulfate	0-0.15 (%)	0.09000 %
Moisture content	0-10 (%)	8.70000 %
Appearance(A434541)	White to Off-White Powder	White to Off-White Powder
DNase Detection	none detected	none detected
RNase Detection	None Detected	none detected
Solubility(1.5 g in 100 mL H ₂ O, Colorless to Light Yellow, Clear to Hazy)	Confirmed	Confirmed



John Su
QA & QC Manager