

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-08 18:10:49
Date of Next Testing: 2028-12-07 18:10:49
Product Name: **Agarose**
CAS Number: 9012-36-6
Specifications & Purity: Suitable for molecular biology, Medium EEO
Lot #: L2502179
SKU #: **A434543**
Version: **1**
Analysis #: **585440**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Gel strength(1.0%,20°C,4h)	≥1200 (g/cm ²)	1268.00000 g/cm ²
Sulfate(SO ₄ ²⁻)	0-0.15 (%)	0.09 %
Gelling point(1.5% Gel)	35-37 (°C)	36.00000 °C
Melting point(1.5% Gel)	87-89 (°C)	88.00000 °C
Loss on drying(105°C)	0-10 (%)	5.20 %
Electroendosmosis	0.16-0.20	0.18
Appearance(A434543)	White to Off-White Powder	White to Off-White Powder
proteases	none detected	none detected
RNases	none detected	none detected
DNases	none detected	none detected



John Su
QA & QC Manager