

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-28 10:28:44  
Date of Next Testing: 2028-11-27 10:28:44  
Product Name: **Agarose**  
CAS Number: 9012-36-6  
Specifications & Purity: Wide range(multipurpose)  
Lot #: K2422231  
SKU #: **A118882**  
Version: **0**  
Analysis #: **437524**

Parameter	Limit Values	Result
Melting Temperature	≥65 (°C)	88.00 °C
Electroendosmosis	0-0.15	0.10
Sulfate(SO42-)	0-0.15 (%)	0.08 %
Moisture content	0-10 (%)	8.00 %
Gel Temperature	≥35 (°)	36.00°
Ignition Residue (as sulfate)	0-1 (%)	0.16 %
Appearance (A118882)	White to Off-White Powder	White to Off-White Powder
For use in nucleic acid electrophoresis	pass	Pass
Solubility in H2O , Colorless to yellow, Clear to Slightly Hazy, 10mg/ml	pass	Pass



John Su  
QA & QC Manager