

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-07 08:52:58  
Date of Next Testing: 2029-01-06 08:52:58  
Product Name: **Agarose**  
CAS Number: 9012-36-6  
Specifications & Purity: Wide range(multipurpose)  
Lot #: A2503789  
SKU #: **A118882**  
Version: **0**  
Analysis #: **451855**

Parameter	Limit Values	Result
Melting Temperature	≥65 (°C)	88.00 °C
Electroendosmosis	0-0.15	0.09
Sulfate(SO42-)	0-0.15 (%)	0.09 %
Moisture content	0-10 (%)	7.20 %
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