

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-18 14:17:48  
Date of Next Testing: 2026-03-17 14:17:48  
Product Name: **Agarose**  
CAS Number: 9012-36-6  
Specifications & Purity: Wide range(multipurpose)  
Lot #: C2212188  
SKU #: **A118882**  
Analysis: **075772**

Parameter	Limit Values	Result
Melting Temperature	≥65 (°C)	89.00 °C
Electroendosmosis	0-0.15	0.09
Sulfate(SO42-)	0-0.15 (%)	0.13 %
Ignition Residue (as sulfate)	0-1 (%)	0.60 %
Moisture content	0-10 (%)	9.60 %
Gel Temperature	≥35 (°)	37.00°
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