

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-24 09:18:44  
Date of Next Testing: 2029-02-23 09:18:44  
Product Name: **Agarose**  
CAS Number: 9012-36-6  
Specifications & Purity: Wide range(multipurpose)  
Lot #: B2521121  
SKU #: **A118882**  
Version: **0**  
Analysis #: **473232**

| 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 (%)                     | 8.30 %                       |
| Gel Temperature                                                          | ≥35 (°)                      | 36.00°                       |
| Ignition Residue (as sulfate)                                            | 0-1 (%)                      | 0.15 %                       |
| Appearance (A118882)                                                     | White to Off-White<br>Powder | White to Off-White<br>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