

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-22 14:00:37  
Date of Next Testing: 2028-05-21 14:00:37  
Product Name: **Agarose**  
CAS Number: 9012-36-6  
Specifications & Purity: low melting point , for seperation of small nucleic fragment  
Lot #: E2420591  
SKU #: **A104063**  
Version: **0**  
Analysis #: **357950**  
Storage Temperature: Room temperature

| Parameter                                  | Limit Values              | Result                    |
|--|---------------------------|---------------------------|
| Gel Strength (1.0%)                        | ≥250                      | 325.00                    |
| EEO (-Mr)                                  | 0-0.12                    | 0.06                      |
| Moisture content                           | 0-10 (%)                  | 9.22 %                    |
| Melting point                              | 62-68 (°C)                | 65.00000 °C               |
| Sulfate(SO42-)                             | 0-0.1 (%)                 | 0.09 %                    |
| Gelling Range (1.0%)                       | 27-29 (°C)                | 29.00 °C                  |
| Appearance (A104063)                       | White to Off-White Powder | White to Off-White Powder |
| DNases                                     | none detected             | none detected             |
| proteases                                  | none detected             | none detected             |
| RNases                                     | none detected             | none detected             |
| Solubility,Colorless to faint yellow,clear | pass                      | Pass                      |



John Su  
QA & QC Manager