

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-08 18:19:33

Date of Next Testing: 2028-12-07 18:19:33

Product Name: **Agarose**

CAS Number: 9012-36-6

Specifications & Purity: Suitable for molecular biology, Medium EEO

Lot #: L2502183

SKU #: **A434543**

Version: **1**

Analysis #: **585440**

Storage Temperature: Room temperature

| Parameter                  | Limit Values               | Result                       |
|----------------------------|----------------------------|------------------------------|
| Gel strength(1.0%,20°C,4h) | ≥1200 (g/cm <sup>2</sup> ) | 1268.00000 g/cm <sup>2</sup> |
| Sulfate(SO42-)             | 0-0.15 (%)                 | 0.09000 %                    |
| Gelling point(1.5% Gel)    | 35-37 (°C)                 | 36.00000 °C                  |
| Melting point(1.5% Gel)    | 87-89 (°C)                 | 88.00000 °C                  |
| Loss on drying(105°C)      | 0-10 (%)                   | 5.20000 %                    |
| Electroendosmosis          | 0.16-0.20                  | 0.18000                      |
| Appearance(A434543)        | White to Off-White Powder  | White to Off-White Powder    |
| proteases                  | none detected              | none detected                |
| RNases                     | none detected              | none detected                |
| DNases                     | none detected              | none detected                |



John Su  
QA & QC Manager