

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-26 09:56:25  
 Date of Next Testing: 2029-02-25 09:56:25  
 Product Name: **Agar**  
 CAS Number: 9002-18-0  
 Specifications & Purity: ash  $\leq$  5.0% , High gel strength(1000-1200 g/cm2)  
 Lot #: B2518169  
 SKU #: **A109142**  
 Version: **1**  
 Analysis #: **462328**  
 Storage Temperature: Room temperature

| Parameter                          | Limit Values                                      | Result                                            |
|------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Ignition Residue                   | 0-5 (%)                                           | 0.42568 %                                         |
| Gel Strength(1.5% gel, Nikan Test) | 1000-1200 (g)                                     | 1000.20000 g                                      |
| Acid insoluble ash                 | 0-0.5 (%)                                         | 0.01000 %                                         |
| Ash                                | 0-5 (%)                                           | 0.42568 %                                         |
| Gel Temperature (1.5% gel)         | 32-38 (°C)                                        | 32.10000 °C                                       |
| Loss on drying                     | 0-20 (%)                                          | 7.20113 %                                         |
| Appearance (A109142)               | White to Yellow to Beige to Brown Powder,Crystals | White to Yellow to Beige to Brown Powder,Crystals |



John Su  
QA & QC Manager