

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-07-28 17:29:59

Date of Next Testing: 2030-07-27 17:29:59

Product Name: **Agar**

CAS Number: 9002-18-0

Specifications & Purity: ash  $\leq 1.5\%$  , Low gel strength(700-900 g/cm<sup>2</sup>)

Lot #: G2616282

SKU # **A109143**

Version **1**

**Analysis #:** **740287**

Storage Temperature: Protected from light,Room temperature,Desiccated

| Parameter                   | Limit Values                        | Result                              |
|-----------------------------|-------------------------------------|-------------------------------------|
| Ash                         | 0-1.5 (%)                           | 1.40000 %                           |
| Gel Strength(Kobe law,1.5%) | 700-900 (g/cm <sup>2</sup> )        | 874.00000 g/cm <sup>2</sup>         |
| Loss on drying              | 0-22 (%)                            | 8.18000 %                           |
| Gel Temperature (1.5% gel)  | 33-37 (°C)                          | 34.50000 °C                         |
| Insoluble matter            | 0-1 (%)                             | 0.19000 %                           |
| Ignition Residue            | 0-5 (%)                             | 1.40000 %                           |
| PH(1.5% Water)              | 6-8                                 | 6.80000                             |
| Appearance (A109143)        | Off-White to Yellow to Beige Powder | Off-White to Yellow to Beige Powder |



John Su  
QA & QC Manager