

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-27 19:12:39
Date of Next Testing: 2028-08-26 19:12:39
Product Name: **Agar**
CAS Number: 9002-18-0
Specifications & Purity: ash \leq 1.5% , Low gel strength(700-900 g/cm²)
Lot #: H2419332
SKU #: **A109143**
Version: **1**
Analysis #: **397331**
Storage Temperature: Protected from light,Desiccated

| Parameter | Limit Values | Result |
|-----------------------------|-------------------------------------|-------------------------------------|
| Loss on drying | 0-22 (%) | 10.30 % |
| Ash | 0-1.5 (%) | 1.50 % |
| Insoluble matter | 0-1 (%) | 0.15 % |
| Gel Strength(Kobe law,1.5%) | 700-900 (g/cm ²) | 869.00000 g/cm ² |
| Ignition Residue | 0-5 (%) | 1.50 % |
| PH(1.5% Water) | 6-8 | 7.20 |
| Gel Temperature (1.5% gel) | 33-37 (°C) | 35.00 °C |
| Appearance (A109143) | Off-White to Yellow to Beige Powder | Off-White to Yellow to Beige Powder |



John Su
QA & QC Manager