

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-06 16:11:21
Date of Next Testing: 2027-09-05 16:11:21
Product Name: **Agar**
CAS Number: 9002-18-0
Specifications & Purity: bacteriological grade
Lot #: I2305091
SKU #: **A274231**
Analysis: **268472**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|------------------------------------|----------------------------------------------|--------------------------------------------------------------|
| Ash | 0-6.5 (%) | 2.00 % |
| Gel Temperature (1.5% gel) | 32-38 (°C) | 35.20 °C |
| Gel Strength(1.5% gel, Nikan Test) | 550-950 (g) | 631.20 g |
| Loss on drying | 0-12 (%) | 10.20 % |
| Melting point | 80-90 (°C) | 85.00000 °C |
| Heavy metals | 0-0.002 (%) | 0.00 % |
| Pass Thru 60 Mesh | 90-100 (%) | 95.00000 % |
| Appearance (A274231) | White to light cream-colored to Beige Powder | White to light cream-colored to Light Yellow to Beige Powder |



John Su
QA & QC Manager