

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-27 18:26:43  
Date of Next Testing: 2028-08-26 18:26:43  
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 #: H2419331  
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 <sup>2</sup> )	869.00000 g/cm <sup>2</sup>
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