

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-22 16:48:11  
Date of Next Testing: 2028-05-21 16:48:11  
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 #: E2420608  
SKU #: **A109143**  
Version **1**  
Analysis #: **343094**  
Storage Temperature: Protected from light,Desiccated

Parameter	Limit Values	Result
Loss on drying	0-22 (%)	9.50 %
Ash	0-1.5 (%)	0.66 %
Insoluble matter	0-1 (%)	0.15 %
PH(1.5% Water)	6-8	0.00
Ignition Residue	0-5 (%)	0.66 %
Gel Temperature (1.5% gel)	33-37 (°C)	35.20 °C
Gel Strength(Kobe law,1.5%)	700-900 (g/cm <sup>2</sup> )	800.00000 g/cm <sup>2</sup>
Appearance (A109143)	Off-White to Yellow to Beige Powder	Off-White to Yellow to Beige Powder



John Su  
QA & QC Manager