

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-14 11:23:55  
Date of Next Testing: 2026-02-13 11:23:55  
Product Name: **Agar**  
CAS Number: 9002-18-0  
Specifications & Purity: ash  $\leq$ 5.0% , High gel strength(1000-1200 g/cm<sup>2</sup>)  
Lot #: B2210010  
SKU #: **A109142**  
Analysis: **066153**

Parameter	Limit Values	Result
Ignition Residue	0-5 (%)	2.50 %
Gel Strength(1.5% gel, Nikan Test)	1000-1200 (g)	1080.00 g
Insoluble matter	0-1 (%)	0.70 %
Acid insoluble ash	0-0.5 (%)	0.26 %
Ash	0-5 (%)	0.90 %
Gel Temperature (1.5% gel)	32-38 (°C)	35.00 °C
Loss on drying	0-20 (%)	10.50 %
Appearance (A109142)	White to Yellow to Beige to Brown Powder,Crystals	White to Yellow to Beige to Brown Powder,Crystals



John Su  
QA & QC Manager