

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-20 14:32:37

Date of Next Testing: 2029-12-19 14:32:37

Product Name: **Agar**

CAS Number: 9002-18-0

Specifications & Purity: ash $\leq 1.5\%$, Low gel strength(700-900 g/cm²)

Lot #: L2516197

SKU #: **A109143**

Version: **1**

Analysis #: **617284**

Storage Temperature: Protected from light,Room temperature,Desiccated

Parameter	Limit Values	Result
Loss on drying	0-22 (%)	10.60000 %
Insoluble matter	0-1 (%)	0.16000 %
Gel Strength(Kobe law,1.5%)	700-900 (g/cm ²)	874.00000 g/cm ²
Ash	0-1.5 (%)	1.48000 %
Gel Temperature (1.5% gel)	33-37 (°C)	33.50000 °C
Ignition Residue	0-5 (%)	1.48000 %
PH(1.5% Water)	6-8	6.80000
Appearance (A109143)	Off-White to Yellow to Beige Powder	Off-White to Yellow to Beige Powder



John Su
QA & QC Manager