

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-20 15:30:06  
Date of Next Testing: 2028-07-19 15:30:06  
Product Name: **Agar**  
CAS Number: 9002-18-0  
Specifications & Purity: bacteriological grade  
Lot #: G2416092  
SKU #: **A274231**  
Version: **2**  
Analysis #: **382543**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Ash	0-6.5 (%)	1.30 %
Gel Strength(1.5% gel, Nikan Test)	550-950 (g)	872.00 g
Loss on drying	0-12 (%)	10.30 %
Pass Thru 60 Mesh	90-100 (%)	95.00000 %
Gel Temperature (1.5% gel)	32-38 (°C)	33.00 °C
Melting point	80-90 (°C)	81.00000 °C
Heavy metals	0-0.002 (%)	0.00 %
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