

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-08 08:51:57  
Date of Next Testing: 2027-12-07 08:51:57  
Product Name: **Agar**  
CAS Number: 9002-18-0  
Specifications & Purity: Agar for membrane filtration, low gel strength  
Lot #: L2301055  
SKU #: **A501179**  
**Analysis:** **288036**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-20 (%)	14.57 %
Ash	0-5 (%)	3.30 %
Heavy metal (as Pb)	0-20 (ppm)	0.00 ppm
Lead(Pb)	0-5 (ppm)	0.00 ppm
Arsenic(As)	0-3 (ppm)	0.00000 ppm
Gel Strength(1.5% gel, 150-400 (cm <sup>2</sup> ) 20°C)		320.00000 cm <sup>2</sup>
Insoluble matter in H <sub>2</sub> O	0-1 (%)	0.20 %
Appearance(A501179)	White to Yellow to Beige to Brown Powder, Crystals or Strip	White to Yellow to Beige to Brown Powder, Crystals or Strip
Starch test	pass	Pass



John Su  
QA & QC Manager