

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-15 17:28:59  
Date of Next Testing: 2028-10-14 17:28:59  
Product Name: **Agarose**  
CAS Number: 9012-36-6  
Specifications & Purity: low melting point , for seperation of small nucleic fragment  
Lot #: J2412352  
SKU #: **A104063**  
Version: **1**  
Analysis #: **414204**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
EEO (-Mr)	0-0.12	0.04
Melting point	62-68 (°C)	63.00000 °C
Moisture content	0-10 (%)	7.60 %
Sulfate(SO42-)	0-0.1 (%)	0.09 %
Gel Strength(1.0%)	≥200 (g/cm2)	280.00000 g/cm <sup>2</sup>
Gelling Range (1.0%)	27-29 (°C)	28.30 °C
Appearance (A104063)	White to Off-White Powder	White to Off-White Powder
DNases	none detected	none detected
proteases	none detected	none detected
RNases	none detected	none detected
Solubility,Colorless to faint yellow,clear	pass	Pass



John Su  
QA & QC Manager