

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-30 16:06:09

Date of Next Testing: 2027-03-29 16:06:09

Product Name: **Agarose**

CAS Number: 9012-36-6

Specifications & Purity: low melting point , for seperation of small nucleic fragment

Lot #: C2325011

SKU #: **A104063**

**Analysis:** **094638**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Gel Strength (1.0%)	≥250	300.00
EEO (-Mr)	0-0.12	0.07
Melting point	62-68 (°C)	64.50000 °C
Moisture content	0-10 (%)	8.50 %
Sulfate(SO42-)	0-0.1 (%)	0.09 %
Gelling Range (1.0%)	27-29 (°C)	28.50 °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