

Certificate of Analysis

Date of Testing: 2023-04-12 19:33:55
Date of Next Testing: 2027-04-11 19:33:55
Product Name: **Agarose**
CAS Number: 9012-36-6
Specifications & Purity: low melting point , for seperation of small nucleic fragment
Lot #: D2304485
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