

## Certificate of Analysis

Date of Testing: 2024-05-22 14:03:45  
Date of Next Testing: 2028-05-21 14:03:45  
Product Name: **Agarose**  
CAS Number: 9012-36-6  
Specifications & Purity: low melting point , for seperation of small nucleic fragment  
Lot #: E2420601  
SKU #: **A104063**  
Version: **0**  
Analysis #: **357950**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Gel Strength (1.0%)	≥250	325.00
EEO (-Mr)	0-0.12	0.06
Moisture content	0-10 (%)	9.22 %
Melting point	62-68 (°C)	65.00000 °C
Sulfate(SO42-)	0-0.1 (%)	0.09 %
Gelling Range (1.0%)	27-29 (°C)	29.00 °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