

## Certificate of Analysis

Date of Testing: 2024-12-19 09:13:10  
Date of Next Testing: 2028-12-18 09:13:10  
Product Name: **Agarose**  
CAS Number: 9012-36-6  
Specifications & Purity: low melting point , for seperation of small nucleic fragment  
Lot #: L2416038  
SKU #: **A104063**  
Version: **2**  
Analysis #: **444269**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
EEO (-Mr)	0-0.12	0.07
Moisture content	0-10 (%)	5.80 %
Gel Strength(1.0%)	≥200 (g/cm <sup>2</sup> )	347.00000 g/cm <sup>2</sup>
Gelling Range (1.5%)	26-30 (°C)	29.00000 °C
Melting point	62-68 (°C)	62.81000 °C
Sulfate(SO42-)	0-0.1 (%)	0.09 %
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



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QA & QC Manager