

## Certificate of Analysis

Date of Testing: 2023-01-07 14:35:48  
Date of Next Testing: 2027-01-06 14:35:48  
Product Name: **Agarose**  
CAS Number: 9012-36-6  
Specifications & Purity: Wide range(multipurpose)  
Lot #: L2216146  
SKU #: **A118882**  
**Analysis: 157912**

Parameter	Limit Values	Result
Electroendosmosis	0-0.15	0.07
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.15 (%)	0.11 %
Ignition Residue (as sulfate)	0-1 (%)	0.50 %
Moisture content	0-10 (%)	5.70 %
Gel Temperature	≥35 (°)	35.40°
Melting Temperature	≥65 (°C)	89.00 °C
For use in nucleic acid electrophoresis	pass	Pass
Appearance (A118882)	White to Off-White Powder	White to Off-White Powder
Solubility in H <sub>2</sub> O , Colorless to yellow,Clear to Slightly Hazy,10mg/ml	pass	Pass



John Su  
QA & QC Manager