

## Certificate of Analysis

Date of Testing: 2023-08-05 13:54:21  
Date of Next Testing: 2028-08-03 13:54:21  
Product Name: **Synthetic agarose**  
CAS Number: 9012-36-6  
Specifications & Purity: Low Melting Point  
Lot #: G2326677  
SKU #: **S579062**  
**Analysis:** **247333**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.2 (%)	0.17 %
Moisture content	0-10 (%)	9.20 %
Gel Temperature(1.5%)	32-36.0 (°C)	34.80000 °C
Melt Temperature(1.5%)	≤75 (°C)	74.80000 °C
Electroendosmosis (-MR)	≤0.06	0.06
Gel Strength(1.0%)	300-500 (g/cm2)	354.00000 g/cm <sup>2</sup>
Appearance(S579062)	White to Light Yellow Powder	white to light yellow powder
DNase, RNase and Protease not detectable	Pass	Pass



John Su  
QA & QC Manager