

## Certificate of Analysis

Date of Testing: 2023-08-03 14:54:16  
Date of Next Testing: 2028-08-01 14:54:16  
Product Name: **Synthetic agarose**  
CAS Number: 9012-36-6  
Specifications & Purity: Low EEO  
Lot #: G2326669  
SKU #: **S579050**  
**Analysis:** **247326**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.15 (%)	0.15 %
Moisture content	0-10 (%)	8.60 %
Gel Temperature(1.5%)	34-38.0 (°C)	38.00000 °C
Melt Temperature(1.5%)	85.0-89.0 (°C)	88.50000 °C
Electroendosmosis (-MR)	0-0.03	0.03
Gel strength(1.5%)	1100-1300 (g/cm <sup>2</sup> )	1133.80000 g/cm <sup>2</sup>
Appearance(S579050)	White to Light Yellow Powder	white to light yellow powder
DNase, RNase and Protease not detectable	Pass	Pass



John Su  
QA & QC Manager