

## Certificate of Analysis

Date of Testing: 2023-08-14 11:53:10  
Date of Next Testing: 2028-08-12 11:53:10  
Product Name: **Synthetic agarose**  
CAS Number: 9012-36-6  
Specifications & Purity: Low EEO, High Gel Strength  
Lot #: H2301414  
SKU #: **S579058**  
**Analysis:** **247329**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.15 (%)	0.15 %
Moisture content	0-10 (%)	8.60 %
Electroendosmosis (-MR)	0-0.03	0.03
Gel Temperature(1.5%)	38-42 (°C)	42.00000 °C
Melt Temperature(1.5%)	93-97 (°C)	94.90000 °C
Gel strength(1.5%)	1100-2200 (g/cm <sup>2</sup> )	1954.00000 g/cm <sup>2</sup>
Appearance(S579058)	White to Light Yellow Powder	white to light yellow powder
DNase Detection	none detected	none detected
RNases Detection	none detected	none detected
Protease Detection	None Detected	none detected



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QA & QC Manager