

Certificate of Analysis

Date of Testing: 2025-04-15 14:16:14

Date of Next Testing: 2030-04-14 14:16:14

Product Name: **Synthetic agarose**

CAS Number: 9012-36-6

Specifications & Purity: Ultra-low Gelling Temperature

Lot #: D2509058

SKU #: **S579091**

Version: **1**

Analysis #: **253364**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.1 (%)	0.10 %
Moisture content	0-10 (%)	8.80 %
Gel Temperature(0.8%)	8-16 (°C)	15.50000 °C
Melting Temperature(1.0%)	45-55 (°C)	50.80000 °C
Electroendosmosis (-MR)	0-0.05	0.05
Gel Strength(2.0%)	≥75 (g/cm ²)	213.40000 g/cm ²
DNAse Detection	none detected	none detected
RNases Detection	none detected	none detected
Protease Detection	None Detected	none detected
Appearance(S579091)	White to Light Yellow Powder	white to light yellow powder



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QA & QC Manager