

Certificate of Analysis

Date of Testing: 2025-04-08 10:39:44

Date of Next Testing: 2029-04-07 10:39:44

Product Name: **Agarose**

CAS Number: 9012-36-6

Specifications & Purity: low EEO

Lot #: F2122077

SKU #: **A118880**

Version: **1**

Analysis #: **491211**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Gel Point(1.5%)	34.5-37.5 (°C)	36.00 °C
Sulfate(SO42-)	0-0.15 (%)	0.10 %
Moisture content	0-10 (%)	8.00 %
Electroendosmosis (-MR)	0-0.13	0.10
Gel Strength(1% gel)	≥1200	1230.00
Appearance (A118880)	White to Off-White Powder	White to Off-White Powder
DNase Detection	none detected	none detected
RNases	none detected	none detected
Solubility in H2O, Colorless to Light Yellow Clear to Hazy, 1.0g/100ml	Pass	Pass



John Su
QA & QC Manager