

Certificate of Analysis

Date of Testing: 2023-08-05 13:54:44
Date of Next Testing: 2028-08-03 13:54:44
Product Name: **Synthetic agarose**
CAS Number: 9012-36-6
Specifications & Purity: Low Melting Point
Lot #: G2326692
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 ² |
| Appearance(S579062) | White to Light Yellow Powder | white to light yellow powder |
| DNase, RNase and Protease not detectable | Pass | Pass |



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QA & QC Manager