

## Certificate of Analysis

Date of Testing: 2025-03-25 10:15:46

Date of Next Testing: 2029-03-24 10:15:46

Product Name: **Agarose**

CAS Number: 9012-36-6

Specifications & Purity: Biochemical

Lot #: C2520096

SKU #: **A104062**

Version: **0**

Analysis #: **487610**

Storage Temperature: Room temperature

| Parameter                                                              | Limit Values              | Result                    |
|------------------------------------------------------------------------|---------------------------|---------------------------|
| Gel Point(1.5%)                                                        | 34.5-37.5 (°C)            | 36.00 °C                  |
| Sulfate(SO42-)                                                         | 0-0.15 (%)                | 0.09 %                    |
| Moisture content                                                       | 0-10 (%)                  | 8.50 %                    |
| Gel Strength(1% gel)                                                   | ≥1200                     | 1277.00                   |
| Appearance (A104062)                                                   | 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,1.5g/100ml | pass                      | Pass                      |



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