

## Certificate of Analysis

Date of Testing: 2025-04-21 17:03:44

Date of Next Testing: 2029-04-20 17:03:44

Product Name: **Agar**

CAS Number: 9002-18-0

Specifications & Purity: bacteriological grade

Lot #: D2515410

SKU #: **A274231**

Version: **2**

Analysis #: **488897**

Storage Temperature: Room temperature

| Parameter                          | Limit Values                                                 | Result                                                       |
|------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| Ash                                | 0-6.5 (%)                                                    | 1.60 %                                                       |
| Gel Strength(1.5% gel, Nikan Test) | 550-950 (g)                                                  | 856.00 g                                                     |
| Loss on drying                     | 0-12 (%)                                                     | 10.30 %                                                      |
| Gel Temperature (1.5% gel)         | 32-38 (°C)                                                   | 33.50 °C                                                     |
| Pass Thru 60 Mesh                  | 90-100 (%)                                                   | 95.00000 %                                                   |
| Melting point                      | 80-90 (°C)                                                   | 82.00000 °C                                                  |
| Heavy metals                       | 0-0.002 (%)                                                  | 0.00 %                                                       |
| Appearance (A274231)               | White to light cream-colored to Light Yellow to Beige Powder | White to light cream-colored to Light Yellow to Beige Powder |



John Su  
QA & QC Manager