

## Certificate of Analysis

Date of Testing: 2023-07-20 10:29:04  
Date of Next Testing: 2027-07-19 10:29:04  
Product Name: **Agar**  
CAS Number: 9002-18-0  
Specifications & Purity: BR  
Lot #: G2315146  
SKU #: **A109144**  
**Analysis:** **211823**  
Storage Temperature: Protected from light, Desiccated

| Parameter                                   | Limit Values  | Result  |
|---|---|---|
| Hot Insoluble in H <sub>2</sub> O substance | 0-1 (%)   | 0.81 %  |
| Acid Insoluble matter                       | 0-0.5 (%)   | 0.00 %  |
| Water by Karl Fischer                       | 0-22 (%)  | 7.93 %  |
| Ash   | 0-5 (%)   | 3.84 %  |
| Heavy metal (as Pb)                         | 0-0.004 (%)   | 0.00 %  |
| pH (1.5%, post autoclaving)                 | 5.7-8.7   | 5.81200   |
| Appearance(A109144)                         | White to light tan, homogenous, free flowing powder | White to light tan, homogenous, free flowing powder |



John Su  
QA & QC Manager