

## Certificate of Analysis

Date of Testing: 2023-05-05 11:49:17  
Date of Next Testing: 2027-05-04 11:49:17  
Product Name: **Agar**  
CAS Number: 9002-18-0  
Specifications & Purity: BR  
Lot #: D2324217  
SKU #: **A109144**  
**Analysis:** **218158**  
Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Hot Insoluble in H <sub>2</sub> O substance	0-1 (%)	0.00 %
Acid Insoluble matter	0-0.5 (%)	0.01 %
Water by Karl Fischer	0-22 (%)	17.00 %
Ash	0-5 (%)	2.11 %
Heavy metal (as Pb)	0-0.004 (%)	0.00 %
pH (1.5%, post autoclaving)	5.7-8.7	5.91000
Appearance(A109144)	White to light tan, homogenous, free flowing powder	White to light tan, homogenous, free flowing powder



John Su  
QA & QC Manager