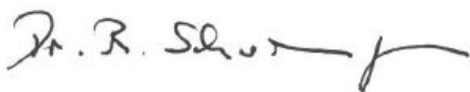


# Certificate of Analysis

**Product Name:** Agar  
plant cell culture tested, powder  
**Product Number:** A7921  
**Batch Number:** BCCB9132  
**Brand:** Sigma  
**CAS Number:** 9002-18-0  
**Formula:**  $(C_{12}H_{18}O_9)_n$   
**Formula Weight:**  
**Quality Release Date:** 03 OCT 2019

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE TO OFF WHITE	OFF-WHITE
APPEARANCE (FORM)	POWDER	POWDER
LOSS ON DRYING	≤ 10.0 %	9.5 %
RESIDUE ON IGNITION	≤ 2.0 %	1.0 %
PLANT CELL CULTURE TEST	PASS	PASS
PH	5.8 - 7.5 (1.5 % IN H <sub>2</sub> O)	7.2
GELLING TEMPERATURE	30 -35 C	35



Dr. Reinhold Schwenninger  
Quality Assurance  
Buchs, Switzerland

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.