

# Certificate of Analysis

**Product Name :**

Agarose, low gelling temperature BioReagent, suitable for cell culture, suitable for insect cell culture, suitable for plant cell culture

**Product Number :****A9045-50G****Batch Number :****0000459361**

## Source Batch :

0000439018

## CAS Number :

39346-81-1

## MDL Number :

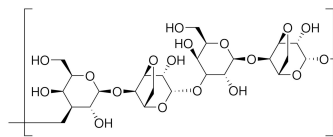
MFCD00081294

## Recommended Retest Date :

May 2030

## Quality Release Date :

27 May 2025



Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Light Yellow	Very Light Yellow
Solubility (Turbidity)	Clear to Hazy	Slightly Hazy
100 mg/ml H <sub>2</sub> O		
Loss on Drying	≤ 10 %	7 %
Gel Strength	≥ 200 g/cm <sup>2</sup>	262 g/cm <sup>2</sup>
1% Gel		
Congearing Temperature	26 - 30 °C	28 °C
Electroendosmosis (-MR)	≤ 0.10	0.07
Insect Cell Test	Pass	Pass
Plant Cell Culture Test	Pass	Pass
Performance	Pass	Pass
Recommended Retest Period	-----	-----
5 years		

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](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1225910

Page 1 of 2



**Product** A9045-50G  
**Batch** 0000459361



Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

US

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](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1225910

Page 2 of 2

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact [mlsbranding@sial.com](mailto:mlsbranding@sial.com)

