

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

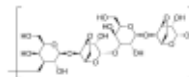
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:  
Agarose - Type I, low EEO

**Product Number:** A6013  
**Batch Number:** SLCC7931  
**Brand:** SIAL  
**CAS Number:** 9012-36-6  
**MDL Number:** MFCD00081294  
**Quality Release Date:** 10 JUN 2019  
**Recommended Retest Date:** JUN 2024



Test	Specification	Result
Appearance (Color)	White to Off White	Off-White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Light Yellow	Colorless
Solubility (Turbidity)	Clear to Hazy	Clear
1.5 g plus 100 mL H2O		
Moisture content	≤ 10 %	9 %
Electroendosmosis (-MR)	0.09 - 0.13	0.10
Gel Point	34.5 - 37.5 °C	36.5 °C
1.5%		
Gel Strength	≥ 1200 gm/cm2	1460 gm/cm2
1% gel		
Sulfate (SO4)	≤ 0.15 %	0.04 %

Brian Dulle, Supervisor  
 Quality Assurance  
 St. Louis, Missouri 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. 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.