

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

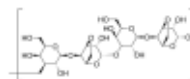
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
Agarose - High EEO

Product Number: A9793
Batch Number: SLBV6680
Brand: SIAL
CAS Number: 9012-36-6
MDL Number: MFCD00081294
Quality Release Date: 17 AUG 2017



Test	Specification	Result
Appearance (Color)	Off-White	Off-White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
1.5 g plus 100 mL H ₂ O		
Electroendosmosis (-MR)	0.23 - 0.26	0.25
Loss on Drying	≤ 7 %	6 %
Residue on ignition (Ash)	≤ 1.1 %	0.5 %
Sulfate (SO ₄)	≤ 0.25 %	0.12 %
Gel Strength	≥ 750 gm/cm ²	1240 gm/cm ²
1% gel		
Gel Temperature	34.5 - 37.5 °C	36.0 °C
1.5% gel		
pH	6.0 - 7.5	6.7
1.5% solution		
Turbidity	≤ 4 NTU	4 NTU
1.5% gel		

Rodney Burbach, Manager
Analytical Services
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.