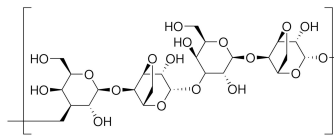


Certificate of Analysis

Product Name : Agarose Low EEO, for Immuno-electrophoresis
Product Number : A4679-100G
Batch Number : 0000401681
Source Batch : SLCM9725
CAS Number : 9012-36-6
MDL Number : MFCD00081294
Quality Release Date : 24 MAY 2022



Test	Specification	Result
Appearance (Color)	White to Off White	Off White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity)	Clear	Clear
1.5 g + 100 mL, purified water		
Moisture	≤ 7.0 %	4.5 %
Residue on ignition (Ash)	≤ 1.0 %	0.4 %
Sulfate (SO ₄)	≤ 0.2 %	0.1 %
Gel Strength	≥ 1200 g/cm ²	1210 g/cm ²
1% Gel		
Gel Point	34 - 38 °C	36 °C
1.5% Gel		
Melting Point	86.0 - 90.0 °C	88.8 °C
1.5%		
pH	6.0 - 8.0	7.1
in gel, 1.5%		
Electroendosmosis (-MR)	0.09 - 0.13	0.12
Suitability	Suitable	Suitable
Suitable for use in Immuno-electrophoresis and Immunodiffusion.		

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. 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.

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