

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

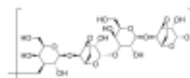
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Agarose – BioReagent, for molecular biology, Wide range/Standard 3:1

Product Number: **A7431**
CAS Number: 9012-36-6
MDL: MFCD00081294



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear to Very Slightly Hazy
10 mg/ml, H ₂ O	
Moisture Content	≤ 10 %
Gel Temperature	32.5 - 38.0 °C
4% gel	
Sulfate (SO ₄)	≤ 0.15 %
Electroendosmosis (-MR)	≤ 0.13
DNase, RNase, Nickase	None Detected
Gel Strength	≥ 1200 gm/cm ²
4% gel	
Residue on Ignition	≤ 1.0 %
Melting Point	≤ 90 °C
4% gel	
Suitability	Suitable
Suitable for use in the electrophoresis of nucleic acids.	

Specification: PRD.1.ZQ5.10000043661

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.