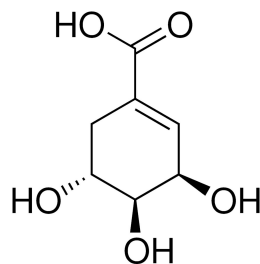


Certificate of Analysis

Product Name : Shikimic acid $\geq 99\%$
Product Number : S5375-5G
Batch Number : 0000451059
Source Batch : 0000434498
CAS Number : 138-59-0
MDL Number : MFCD00066278
Molecular Formula : $C_7H_{10}O_5$
Formula Weight : 174.15 g/mol
Quality Release Date : 21 Apr 2025



Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity)	Clear to Slightly Hazy	Very Slightly Hazy
50 mg/mL, H ₂ O		
Specific Rotation	-185 - -181 °	-181 °
c = 4, H ₂ O, 20 deg C		
Titration with NaOH	$\geq 99\%$	99 %

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. 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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