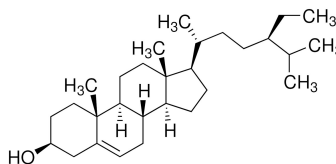


Certificate of Analysis

Product Name : β -Sitosterol synthetic, $\geq 95\%$
Product Number : S1270-25MG
Batch Number : 0000468966
Source Batch : 0000258642
CAS Number : 83-46-5
MDL Number : MFCD00003631
Storage Temperature : -20°C
Molecular Formula : C₂₉H₅₀O
Formula Weight : 414.71 g/mol
Quality Release Date : 08 Oct 2023



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/mL in Chloroform		
Infrared Spectrum	Conforms	Conforms
Water (by Karl Fischer)	$\leq 6.0 \%$	0.5 %
Specific Rotation	-39.0 - -33.0 deg	-35.4 deg
Purity (GC)	$\geq 95.0 \%$	97.3 %

Pramod Kadam(PhD), Manager
 Analytical
 Bangalore
 IN

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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