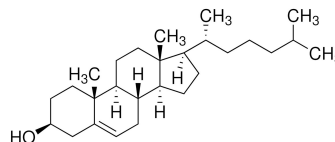


Certificate of Analysis

Product Name : Cholesterol powder, BioReagent, suitable for cell culture, ≥99%
Product Number : C3045-5G
Batch Number : 0000445935
Source Batch : 0000418802
CAS Number : 57-88-5
MDL Number : MFCD00003646
Storage Temperature : -20°C
Molecular Formula : C₂₇H₄₆O
Formula Weight : 386.65 g/mol
Recommended Retest Date : Feb 2029
Quality Release Date : 14 Apr 2025



Test	Specification	Result
13C NMR Spectrum	Conforms to Structure	Conforms
Cell Culture Test	Pass	Pass
Purity (GC)	≥ 99 %	99 %
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Very Faint Yellow	Colorless
Solubility (Turbidity)	Clear	Clear
100 mg/mL, CHCl ₃ (APHA NMT 20)		
Proton NMR Spectrum	Conforms to Structure	Conforms
Water (by Karl Fischer)	≤ 1.0 %	0.0 %
Carbon	83.0 - 84.7 %	83.0 %

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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