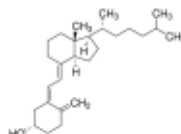


Certificate of Analysis

Product Name:
Cholecalciferol - $\geq 98\%$ (HPLC)

Product Number: C9756
 Batch Number: SLCQ5123
 Brand: SIGMA
 CAS Number: 67-97-0
 MDL Number: MFCD00078131
 Formula: C₂₇H₄₄O
 Formula Weight: 384.64 g/mol
 Storage Temperature: Store at 2 - 8 °C
 Quality Release Date: 16 FEB 2023
 Recommended Retest Date: FEB 2026



Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/mL, EtOH		
Carbon	82.6 - 86.0 %	84.3 %
Specific Rotation	105 - 112 °	105 °
C = 0.5 in EtOH at 25 deg C		
Purity (HPLC)	$\geq 98\%$	100 %

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. 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.

