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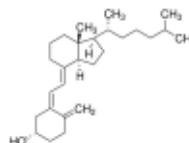
Outside USA: eurtechserv@sial.com

Product Name:

Certificate of Analysis

Cholecalciferol - meets USP testing specifications

Product Number: C1357
Batch Number: SLBX0698
Brand: SIAL
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: 22 FEB 2018
Recommended Retest Date: MAY 2019



Test	Specification	Result
Identity	Pass	Pass
Specific Rotation	105 - 112 °	108 °
Residual Solvents	Conforms	Conforms
Class 1, Class 2 meets option 1, Class 3 < / = 0.5%		
Expected Solvent - Benzene	≤ 2 ppm	< 2 ppm
Expected Solvent	Residual Solvent	Methanol
Expected Solvent	Residual Solvent	Pyridine
Assay	97.0 - 103.0 %	99.6 %

Rodney Burbach, Manager
 Analytical Services
 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.