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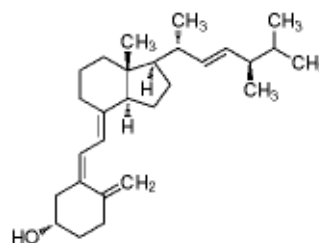
Email USA: techserv@sial.com

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Product Specification

Product Name:
Ergocalciferol - 40,000,000 USP units/g

Product Number: E5750
CAS Number: 50-14-6
MDL: MFCD00166988
Formula: C₂₈H₄₄O
Formula Weight: 396.65 g/mol
Storage Temperature: 2 - 8 °C



TEST

Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
50 mg/mL, EtOH	
Infrared spectrum	Conforms to Structure
Potency	Conforms
40,000,000 USP units/G	
1 USP UNIT = 1 I.U.	
Carbon	83.1 - 86.5 %
Specific Rotation	100 - 106 °
c = 1.5, EtOH at 25 deg C	
Purity (HPLC)	≥ 97 %
Recommended Retest Period	-----
3 years	

Specification: PRD.0.ZQ5.10000022455

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.