

Certificate of Analysis

Date of Testing: 2022-01-20 13:52:35
Date of Next Testing: 2026-01-19 13:52:35
Product Name: **Ergocalciferol (D2)**
CAS Number: 50-14-6
Specifications & Purity: 98%
Lot #: A2219157
SKU #: **E106318**
Analysis: 068796
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Specific abs. A (1%/1cm)	460-490	480.00
Melting point	112-116 (°C)	115.52000 °C
ergosterol	0-0.2 (%)	0.13 %
Specific Rotation [α] ₂₅ /D(c=1.5 in EtOH)	100-109 (°)	105.86 °
Purity(HPLC)	98-100 (%)	98.06500 %
Appearance (E106318)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Potency (40000 I.U./mg)	pass	Pass



John Su
QA & QC Manager