

Certificate of Analysis

Date of Testing: 2024-08-15 09:26:45
Date of Next Testing: 2028-08-14 09:26:45
Product Name: **Vitamin D3**
CAS Number: 67-97-0
Specifications & Purity: 98%
Lot #: H2408315
SKU #: **C105354**
Version: **1**
Analysis #: **338891**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=0.5 in EtOH)	103-112 (°)	110.10°
Purity(HPLC)	98-100 (%)	98.39000%
Absorbance(10mg/L, EtOH, 263.0 to 267.0 nm)	0.45-0.51	0.45
Carbon by Elemental Analysis	82.6-86 (%)	82.87%
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (C105354)	White to Off-White Powder	White to Off-White Powder
Solubility in EtOH, Colorless to Pale Yellow Clear(50 mg/ml)	pass	Pass



John Su
QA & QC Manager