

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-16 09:46:13
Date of Next Testing: 2029-05-15 09:46:13
Product Name: **Vitamin D3**
CAS Number: 67-97-0
Specifications & Purity: Moligand™, ≥98%
Lot #: E2507300
SKU #: **C105354**
Version: **1**
Analysis #: **514721**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Absorbance(10mg/L,EtOH,263.0 to 267.0 nm)	0.45-0.51	0.51000
Specific Rotation [α] ₂₀ /D(c=0.5 in EtOH)	103-112 (°)	107.63800°
Carbon by Elemental Analysis	82.6-86 (%)	84.05800%
Purity(HPLC)	98-100 (%)	99.79000%
Appearance (C105354)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless to Pale Yellow Clear(50 mg/ml)	pass	Pass



John Su
QA & QC Manager