

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-09 17:23:15

Date of Next Testing: 2029-01-08 17:23:15

Product Name: **Ergocalciferol (D2)**

CAS Number: 50-14-6

Specifications & Purity: Moligand™, ≥98%

Lot #: A2506187

SKU #: **E106318**

Version: **2**

Analysis #: **077066**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Specific abs. A (1%/1cm)	460-490	472.60000
Melting point	112-116 (°C)	112.75000 °C
ergosterol	0-0.2 (%)	0.01900 %
Specific Rotation [α] ₂₅ /D(c=1.5 in EtOH)	100-109 (°)	105.19500 °
Purity(HPLC)	98-100 (%)	98.36000 %
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