

Shanghai yuanye Bio-Technology Co., Ltd
465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-03-25 16:29:52
Date of Next Testing: 2027-03-24 16:29:52
Product Name: ergosta-5,7,9(11),22-tetraen-3 β -ol
CAS Number: 516-85-8
Specifications & Purity: 96%
Lot #: J2522179
SKU #: Y38183
Version: 0
Analysis #: 602123
Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
UV (Lambda max)	324-328 (nm)	324.98 nm
UV (EmM at Lambda max)	10.4-13.2	11.60
Purity(HPLC)	96-100 (%)	99.99800 %
Specific Rotation [a] _D ²⁰ (c=2 in CHCL ₃)	130-170 (°)	150.20 °
Water by Karl Fischer	0-5 (%)	1.01 %
Carbon by Elemental Analysis(anhydrous)	84.3-85.4 (%)	84.90 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Clear,Colorless to Yellow,9.80 - 10.20 mg/ml	pass	Pass
UV (Solvent Methanol)	Conforms	Conforms
Appearance(Y38183)	White to Yellow Powder	White to Yellow Powder

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zhu

