

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-17 08:55:50
 Date of Next Testing: 2022-07-16 08:55:50
 Product Name: ergosta-5,7,9(11),22-tetraen-3 β -ol
 CAS Number: 516-85-8
 Specifications & Purity: $\geq$ 96%
 Lot #: A2211740
 SKU #: E130270
 Version: 0
 Analysis #: 058864
 Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
UV (Lambda max)	324-328 (nm)	325.00000 nm
UV (EmM at Lambda max)	10.4-13.2	12.58000
Purity(HPLC)	96-100 (%)	99.08000 %
Specific Rotation [a] _D ²⁰ (c=2 in CHCL ₃)	130-170 (°)	138.00000 °
Water by Karl Fischer	0-5 (%)	1.18000 %
Carbon by Elemental Analysis(anhydrous)	84.3-85.4 (%)	84.32000 %
Appearance (E130270)	White to Yellow Powder	White to Yellow Powder
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



John Su
QA & QC Manager