

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-03 17:12:31
 Date of Next Testing: 2027-01-30 17:12:31
 Product Name: ergosta-5,7,9(11),22-tetraen-3 β -ol
 CAS Number: 516-85-8
 Specifications & Purity: $\geq 96\%$
 Lot #: H2508796
 SKU #: E130270
 Version: 0
 Analysis #: 749343
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
UV (Lambda max)	324-328 (nm)	324.97800 nm
UV (EmM at Lambda max)	10.4-13.2	11.35600
Purity(HPLC)	96-100 (%)	99.99400 %
Specific Rotation [a] _D ²⁰ (c=2 in CHCL ₃)	130-170 (°)	150.11600 °
Water by Karl Fischer	0-5 (%)	1.00500 %
Carbon by Elemental Analysis(anhydrous)	84.3-85.4 (%)	84.88500 %
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