

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-03 16:04:19
 Date of Next Testing: 2027-01-30 16:04:19
 Product Name: **ergosta-5,7,9(11),22-tetraen-3 β -ol**
 CAS Number: 516-85-8
 Specifications & Purity: $\geq 96\%$
 Lot #: G2522660
 SKU #: **E130270**
 Version: **0**
 Analysis #: **749314**
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
UV (Lambda max)	324-328 (nm)	324.99870 nm
UV (EmM at Lambda max)	10.4-13.2	11.35600
Purity(HPLC)	96-100 (%)	99.99600 %
Specific Rotation [a] _D (c=2 in CHCL ₃)	130-170 (°)	149.99600 °
Water by Karl Fischer	0-5 (%)	1.00750 %
Carbon by Elemental Analysis(anhydrous)	84.3-85.4 (%)	84.68500 %
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