

Certificate of Analysis

Date of Testing: 2025-05-19 13:48:17

Date of Next Testing: 2025-11-15 13:48:17

Product Name: **ergosta-5,7,9(11),22-tetraen-3 β -ol**

CAS Number: 516-85-8

Specifications & Purity: $\geq 96\%$

Lot #: B2513093

SKU #: **E130270**

Version: **0**

Analysis #: **511961**

Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
UV (Lambda max)	324-328 (nm)	324.00 nm
UV (EmM at Lambda max)	10.4-13.2	11.20
Purity(HPLC)	96-100 (%)	97.67000 %
Specific Rotation [a] _D 20/D(c=2 in CHCL ₃)	130-170 (°)	145.20 °
Water by Karl Fischer	0-5 (%)	2.02 %
Carbon by Elemental Analysis(anhydrous)	84.3-85.4 (%)	84.67 %
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
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