NATURE SCIENCE TECHNOLOGIES

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CERTIFICATE OF ANALYSIS

Lanosterol

LOT EX0050

Catalog No.: NST-10-82

CAS No.: 79-63-0

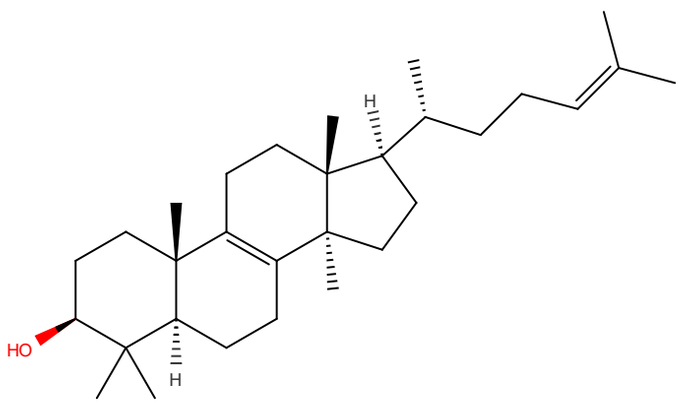
Molecular formula: $C_{30}H_{50}O$

MW: 426.73

Manufacturing date: 27.12.2024

Analysis date: 27.12.2024

Shelf life: 24 months



No.	Parameter	Specification	Results	Method
1.	Appearance	Fine powder	Conforms	Visual
2.	Color	White	Conforms	Visual
3.	Identification	Conforms	Conforms	TLC&NMR
4.	Purity	≥60.0 %	63.52 %	HPLC
5.	Residue on ignition	≤2.0 %	0.09 %	USP <281>
6.	Loss on drying	≤5.0 %	1.83 %	USP <731>
7.	Solvent residues	USP <467>	Conforms	GC
8.	Heavy Metals	≤10 ppm	Conforms	ICP-MS
9.	Lead	≤2 ppm	Conforms	ICP-MS
10.	Arsenic	≤1 ppm	Conforms	ICP-MS
11.	Mercury	≤0.1 ppm	Conforms	ICP-MS
12.	Cadmium	≤1 ppm	Conforms	ICP-MS

Storage: store in a cool and dry place, keep away from strong light and heat.

Stability: 24 months when properly stored

Issued by
Nature Science Technologies Ltd.

Signature:



Date: 27.12.2024

This Certificate of Analysis is based on the manufacturer's quality control documentation for the referenced batch.