

Lanosterol8,24-lanostadien-3 β -ol**700063P-5mg****Page 1 of 1**

Molecular Weight 426.717
Chemical Formula C₃₀H₅₀O
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5145PHA015
Avanti Lot Number 700063P-5MG-A-015

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (8:2 Hexane: Ethyl Acetate)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Carbon NMR	NMR spectrum consistent with structure	Consistent with structure
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Mass Spectroscopy	[M+NH ₄] ⁺ = 444.72 \pm 1 amu	[M+NH ₄] ⁺ = 444.42 amu

Approved by:



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