

18:1 Cholesterol Ester

cholesteryl oleate

700269P-100mg

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Molecular Weight	651.10
Chemical Formula	C ₄₅ H ₇₈ O ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6752PLA014
Avanti Lot Number	700269P-100MG-A-014

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (95:5 Hexane: Ethyl Acetate)	>99% Purity Ninhydrin spray: 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
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
FAME (GC/FID)	NLT 99% (AUC)	100% (AUC)
Mass Spectroscopy	[M+NH ₄] ⁺ = 669.10 ± 1 amu	[M+NH ₄] ⁺ = 669.0 amu

 Approved By: *Anderson Thomas*

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