

8(14)-dehydrocholesterol

cholesta-5,8(14)-dien-3β-ol

700076P-1mg

Page 1 of 1

Molecular Weight	384.638
Chemical Formula	C ₂₇ H ₄₄ O
Physical State	Powder
Storage	-80 °C
Expiration Date	One year from date of receipt
M Lot Number	5158PGA010
Avanti Lot Number	700076P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (2:1 Hexane:Ethyl Acetate)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 402.638 ± 1 amu	[M+NH ₄] ⁺ = 402.90 amu

Approved by:

