

7 α ,25-dihydroxycholesterol**7 α ,25-dihydroxycholesterol****700080P-1mg****Page 1 of 1**

Molecular Weight 418.652
Chemical Formula C₂₇H₄₆O₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5162PGI011
Avanti Lot Number 700080P-1MG-I-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (9:1 Chloroform: Methanol)	>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 reference structure	Consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 436.652 $\pm$ 1 amu	[M+NH ₄] ⁺ = 436.8 amu



Approved By:

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