

25-hydroxycholesterol-3-sulfate

25-hydroxycholesterol-3-sulfate (sodium salt)

700017P-5mg**Page 1 of 1**

Molecular Weight 504.698
Chemical Formula C₂₇H₄₅NaO₅S
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5104PHD021
Avanti Lot Number 700017P-5MG-D-021

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>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-Na] ⁺ = 481.698 ± 1 amu	[M-Na] ⁺ = 481.3 amu

Approved By: *Anderson Thomas*

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