

4 β -hydroxycholesterol

 cholest-5-ene-3 β ,4 β -diol

700036P-5mg

Page 1 of 1

| | |
|--------------------------|--|
| Molecular Weight | 402.653 |
| Chemical Formula | C ₂₇ H ₄₆ O ₂ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5121PHC012 |
| Avanti Lot Number | 700036P-5MG-C-012 |

| ANALYSIS | SPECIFICATION | RESULTS |
|------------------------------------|---|---|
| Physical Examination | Powder: White solid which contains no foreign matter. | Pass |
| TLC (1:1 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] ⁺ = 420.653 ± 1 amu | [M+NH ₄] ⁺ = 420.9 amu |

Approved by:

