

7 α -hydroxycholesterolcholest-5-en-3 β ,7 α -diol**700034P-10mg****Page 1 of 1**

Molecular Weight 355.364
Chemical Formula C₁₄H₃₀NO₇P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5767PJC047
Avanti Lot Number 855175P-25MG-C-047

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|--------------------------------|
| Physical Examination | Powder: White solid which contains no foreign matter. | Pass |
| TLC | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot | All Pass |
| FAME (GC/FID) | NLT 99% 6:0 (AUC) | 100% (AUC) |
| Calcium (ICP/MS) | NMT 500ppm | None Detected |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 356.364 \pm 1 amu | [M+H] ⁺ = 356.1 amu |

Approved by:

