

sitostanol

β-sitostanol

700121P-5mg

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| | |
|--------------------------|-----------------------------------|
| Molecular Weight | 416.723 |
| Chemical Formula | C ₂₉ H ₅₂ O |
| Physical State | Powder |
| Storage | -20 °C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5190PHA020 |
| Avanti Lot Number | 700121P-5MG-A-020 |

| ANALYSIS | SPECIFICATION | RESULTS |
|-----------------------------------|---|---|
| Physical Examination | Powder: White solid which contains no foreign matter. | Pass |
| TLC (7:3 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) | 99.4% (AUC) |
| Proton NMR | NMR spectrum consistent with structure | consistent with structure |
| Mass Spectroscopy | [M+NH ₄] ⁺ = 434.723 ± 1 amu | [M+NH ₄] ⁺ = 434.8 amu |

Approved by:

