

DMG-PEG 2000

1,2-dimyristoyl-rac-glycero-3-methoxypolyethylene glycol-2000

880151P-1g

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| | |
|--------------------------|--------------------------------------------------------------|
| Molecular Weight | 2509.2 (average theoretical MW due to polydispersity of PEG) |
| Chemical Formula | C ₁₂₂ H ₂₄₂ O ₅₀ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6479PQB027 |
| Avanti Lot Number | 880151P-1G-B-027 |

| ANALYSIS | SPECIFICATION | RESULTS |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC (9:1 Chloroform: Methanol) | >99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: negative 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 |
| FAME (GC/FID) | NLT 99% (AUC) | 100% (AUC) |
| Average Molecular Weight (Mw) by TOF-MS | Run and Report | 2514.477 |
| Polydispersity Index (PDI) by TOF-MS | Run and Report | 1.009 |

Approved By:



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