

16:0 Cardiolipin

1',3'-bis[1,2-dipalmitoyl-sn-glycero-3-phospho]-sn-glycerol (sodium salt)

710333P-25mg

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| | |
|--------------------------|---|
| Molecular Weight | 1397.81: |
| Chemical Formula | C ₇₃ H ₁₄₀ Na ₂ O ₁₇ P ₂ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5181PGB010 |
| Avanti Lot Number | 710333P-25MG-A-010 |

| 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% 16:0 (AUC) | 99.8% (AUC) |
| Mass Spectroscopy | [M-2Na+H] ⁻ = 1352.810 ± 1 amu [M-2Na] ²⁻ = 676.405 ± 1 amu | [M-2Na+H] ⁻ = 1352.7 amu [M-2Na] ²⁻ = 676.0 amu |
| Calcium (ICP/MS) | NMT 500ppm | None detected |

Approved by:

