

18:1 Cardioliipin

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

710335P-25mg

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|--------------------------|---|
| Molecular Weight | 1501.959 |
| Chemical Formula | C ₈₁ H ₁₄₈ O ₁₇ P ₂ Na ₂ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5231PJB060 |
| Avanti Lot Number | 710335P-25MG-B-060 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|-----------------------------------|
| Physical Examination | Powder: White solid with no foreign matter | Pass |
| TLC | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot | All Pass |
| FAME (GC/FID) | NLT 99% 18:1 (AUC) | 99.9% (AUC) |
| Calcium (ICP/MS) | NMT 500 ppm | 61.7 |
| Mass Spectroscopy | [M-2Na] ²⁻ = 727.980 ± 1 amu | [M-2Na] ²⁻ = 728.0 amu |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |



Approved by:

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