

Monolyso Heart CA

monolysocardiolipin (Heart, Bovine) (sodium salt)

850081P-10mg

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| | |
|--------------------------|--|
| Molecular Weight | 1231.113 (average based on fatty acid distribution in product) |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | Three months from date of receipt |
| M Lot Number | 5580PIA114 |
| Avanti Lot Number | 850081P-10MG-A-114 |

| 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 | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| UV Oxidation | NMT 5% total all wavelengths | 1.43% total |
| Mass Spectroscopy | [M-2Na] ²⁻ = 592.6 ± 1 amu [M-2Na+H] ⁻ = 1186.5 ± 1 amu (predominant species) Consistent with historical data | [M-2Na] ²⁻ = 592.4 amu [M-2Na+H] ⁻ = 1185.7 amu (predominant species) |

Approved By:



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