

18:1 DGS

1,2-dioleoyl-sn-glycero-3-succinate

870314C-25mg

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| Molecular Weight | 721.059 |
| Chemical Formula | C ₄₃ H ₇₆ O ₈ |
| Physical State | Chloroform |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6189CJB047 |
| Lot Number | 870314C-25MG-B-047 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------------------|---|--------------------------------|
| Physical Examination | Chloroform: Clear solution with no foreign matter | Pass |
| TLC (9:1 Chloroform:Methanol) | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot | All Pass |
| FAME (GC/FID) | NLT 99% 18:1 (AUC) | 100% 18:1 (AUC) |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | Negative mode: [M-H] ⁻ = 720.0 ± 1 amu or Positive mode: [M+NH ₄] ⁺ = 739.06 ± 1 amu | [M-H] ⁻ = 719.9 amu |

Approved By:



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