

18:1 DAP

1,2-dioleoyl-3-dimethylammonium-propane (DODAP)

890850C-200mg

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| | |
|--------------------------|---|
| Molecular Weight | 648.054 |
| Chemical Formula | C ₄₁ H ₇₇ NO ₄ |
| Physical State | Chloroform |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6357CNB054 |
| Avanti Lot Number | 890850C-200MG-B-054 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|---------------------------------|
| Physical Examination | Chloroform: Clear solution which contains no foreign matter | Pass |
| TLC | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 649.054 ± 1 amu | [M+H] ⁺ = 648.80 amu |
| FAME (GC/FID) | NLT 99% 18:1 (AUC) | 99.5% 18:1 (AUC) |

Approved By: *Meredith Bayfoot*

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