

18:1 DGS-NTA(Ni)

1,2-dioleoyl-sn-glycero-3-[[N-(5-amino-1-carboxypentyl)iminodiacetic acid)succinyl] (nickel salt)

790404P-25mg

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|--------------------------|---|
| Molecular Weight | 1057.003 |
| Chemical Formula | C ₅₃ H ₉₃ N ₂ O ₁₅ Ni |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5244PJA112 |
| Avanti Lot Number | 790404P-25MG-A-112 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|---|
| Physical Examination | Powder: Light blue-green solid 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 |
| FAME (GC/FID) | NLT 99% (AUC) Consistent with historical data | 100% (AUC) |
| Mass Spectroscopy | [M-H-2H ₂ O] ⁻ = 1020.003 ± 1 amu | [M-H-2H ₂ O] ⁻ = 1019.9 amu |
| ICP-MS (Ni) | Run and Report | 5.5% Ni |

 Approved By: *Anderson Thomas*

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