18:1 DGS-NTA(Ni)
1,2-dioleoyl-sn-glycero-3-[(N-(5-amino-1-carboxypentyl)iminodiacetic acid)succinyl] (nickel salt)

Molecular Weight: 1057.003
Chemical Formula: C_{53}H_{93}N_{2}O_{15}Ni
Physical State: Chloroform
Storage: -20°C
Expiration Date: One year from date of receipt
M Lot Number: 5244CHA094
Avanti Lot Number: 790404C-5MG-A-094

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Examination</td>
<td>Chloroform: Light blue-green solution with no foreign matter</td>
<td>Pass</td>
</tr>
</tbody>
</table>
| 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% 18:1 (AUC)                                                           | 100% (AUC)       |
| Mass Spectroscopy | [M-H-2H_2O]^+ = 1020.003 ± 1 amu                                             | [M-H-2H_2O]^+ = 1019.6 amu |

Approved By: [Signature]

For Research Use Only. Not For Human Use.