

**18:1 DGS-NTA(Ni)**

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

**790404C-5MG**

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<b>Molecular Weight</b>	1057.003
<b>Chemical Formula</b>	C <sub>53</sub> H <sub>93</sub> N <sub>2</sub> O <sub>15</sub> Ni
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5244CHD104
<b>Avanti Lot Number</b>	790404C-5MG-D-104

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Light blue-green solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot, 2 minor spots Phosphorus: negative Charring: 1 major +, 2 minor + Water dip: one major spot
FAME (GC/FID)	NLT 99% 18:1 (AUC)	100% (AUC)
Mass Spectroscopy	[M-H-2H <sub>2</sub> O] <sup>-</sup> = 1020.003 ± 1 amu	[M-H-2H <sub>2</sub> O] <sup>-</sup> = 1026.0 amu

 Approved By: *Meredith Bayood*

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