

## 18:1 DGS-NTA(Ni)

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

790404P-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>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5244PHB112
<b>Avanti Lot Number</b>	790404P-5MG-B-112

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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 <sub>2</sub> O] <sup>+</sup> = 1020.003 ± 1 amu	[M-H-2H <sub>2</sub> O] <sup>+</sup> = 1019.9 amu
ICP-MS (Ni)	Run and Report	5.5% Ni

Approved By: *Anderson Thomas*

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