

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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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	5244CHA111
Avanti Lot Number	790404C-5MG-A-111

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: 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	All Pass
FAME (GC/FID)	NLT 99% (AUC) Consistent with historical data	99.7% (AUC)
Mass Spectroscopy	[M-H-2H ₂ O] ⁻ = 1020.003 ± 1 amu	[M-H-2H ₂ O] ⁻ = 1020.0 amu
ICP-MS (Ni)	Run and Report	7.9% Ni

 Approved By: *Andriana Thomas*

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