

18:1 DG**1-2-dioleoyl-sn-glycerol****800811C-25mg****Page 1 of 1**

Molecular Weight 620.986
Chemical Formula C₃₉H₇₂O₅
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5296CJC063
Avanti Lot Number 800811C-25MG-C-063

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC (95:5 Chloroform: Acetone)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
FAME (GC/FID)	NLT 99% 18:1 (AUC)	100% (AUC)
Mass Spectroscopy	[M+NH ₄] ⁺ = 638.986 ± 1 amu	[M+NH ₄] ⁺ = 638.73 amu



Approved By:

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