

18:0-18:2 DG

1-stearoyl-2-linoleoyl-sn-glycerol

800817C-10mg

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Molecular Weight	620.986
Chemical Formula	C ₃₉ H ₇₂ O ₅
Physical State	Chloroform
Storage	-20 °C
Expiration Date	Three months from date of receipt
M Lot Number	5301CIA014
Avanti Lot Number	800817C-10MG-A-014

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
UV Oxidation	NMT 5% total all wavelengths	0.84% total all wavelengths
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
FAME (GC/FID)	NLT 50% ± 5% 18:0 (AUC) NLT 50% ± 5% 18:2 (AUC) NLT 99% (AUC)	50.8% 18:0 (AUC) 49.2% 18:2 (AUC) 100% total (AUC)
Mass Spectroscopy	[M+NH ₄] ⁺ = 638.9 ± 1 amu	[M+NH ₄] ⁺ = 638.9 amu

Approved by:

