

18:0-22:6 DG

1-stearoyl-2-docosahexaenoyl-sn-glycerol

800819C-10mg

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Molecular Weight	669.029
Chemical Formula	C ₄₃ H ₇₂ O ₅
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5303CIA013
Avanti Lot Number	800819C-10MG-A-013

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
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
FAME (GC/FID)	NLT 50% ± 5% 18:0 (AUC) NLT 50% ± 5% 22:6 (AUC) NLT 99% Total	46.5% 28:0 (AUC) 53.5% 22:6 (AUC) Total 100% (AUC)
Proton NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	[M+NH ₄] ⁺ = 687.029 ± 1 amu	[M+NH ₄] ⁺ = 687.1 amu

Approved by:

