

16:0-18:1 DG

1-palmitoyl-2-oleoyl-sn-glycerol

800815C-25mg

Page 1 of 1

Molecular Weight	594.949
Chemical Formula	C ₃₇ H ₇₀ O ₅
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5299CJA033
Avanti Lot Number	800815C-25MG-A-033

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear, colorless liquid 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)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% total	46.6% 16:0 (AUC) 53.3% 18:1 (AUC) Total 99.9%
HPLC-ELSD	NLT 99% DG (AUC)	100% DG (AUC)
Mass Spectroscopy	[M+NH ₄] ⁺ = 612.949 ± 1 amu	[M+NH ₄] ⁺ = 612.9 amu

Approved by:

