

12:0 DG

1,2-dilauroyl-sn-glycerol

800812P-10MG

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Molecular Weight	456.699
Chemical Formula	C ₂₇ H ₅₂ O ₅
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5297PIB018
Avanti Lot Number	800812P-10MG-B-018

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (95:5 Chloroform: Acetone)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 12:0 (AUC)	100% (AUC)
HPLC-ELSD	NLT 99% (AUC)	100% (AUC)
Mass Spectroscopy	[M+NH ₄] ⁺ = 474.699 ± 1 amu [M+Na] ⁺ = 479.699 ± 1 amu	[M+NH ₄] ⁺ = 474.6 amu [M+Na] ⁺ = 479.4 amu

Approved By: *Andrionna Thomas*

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