

16:0 DAP

1,2-dipalmitoyl-3-dimethylammonium-propane

890830P-200mg

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Molecular Weight	595.98
Chemical Formula	C ₃₇ H ₇₃ NO ₄
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6355PNA025
Avanti Lot Number	890830P-200MG-A-025

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (97:3 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 16:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 596.98 ± 1 amu	[M+H] ⁺ = 596.5 amu

 Approved By: *Anderson Thomas*

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