

18:0 TAP

1,2-stearoyl-3-trimethylammonium-propane (chloride salt)

890880P-25mg

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Molecular Weight	702.574
Chemical Formula	C ₄₂ H ₈₄ NO ₄ Cl
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6360PJE045
Avanti Lot Number	890880P-25MG-E-045

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Cl] ⁺ = 667.574 ± 1 amu	[M-Cl] ⁺ = 666.7 amu

Approved By:



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