

16:0 TAP

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

890870P-25mg

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Molecular Weight 646.467
Chemical Formula C₃₈H₇₆NO₄Cl
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6359PJD038
Avanti Lot Number 890870P-25MG-D-038

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% 16:0 (AUC)	99.9% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Cl] ⁺ = 611.467 ± 1 amu	[M-Cl] ⁺ = 610.9 amu

Approved By: *Meredith Bayood*

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