

18:1 TAP (DOTAP, MS Salt)

1,2-dioleoyl-3-trimethylammonium-propane (methyl sulfate salt)

890895P-25mg

Page 1 of 1

Molecular Weight	774.186
Chemical Formula	C ₄₃ H ₈₃ NO ₈ S
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6363PJA022
Avanti Lot Number	890895P-25MG-A-022

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: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99.6% (AUC)
Mass Spectroscopy	[M-MeS] ⁺ = 663.186 ± 1 amu	[M-MeS] ⁺ = 662.7 amu

Approved by:

