

**16:0 TAP**

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

**890870P-25mg**

Page 1 of 1

<b>Molecular Weight</b>	646.467
<b>Chemical Formula</b>	C <sub>38</sub> H <sub>76</sub> NO <sub>4</sub> Cl
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6359PJE038
<b>Avanti Lot Number</b>	890870P-25MG-E-038

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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-CI] <sup>+</sup> = 611.467 ± 1 amu	[M-CI] <sup>+</sup> = 610.9 amu

 Approved By: *Anderson Thomas*

For Research Use Only. Not For Human Use.