

**18:0 TAP**
**1,2-stearoyl-3-trimethylammonium-propane (chloride salt)**
**890880P-25mg**
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<b>Molecular Weight</b>	702.574
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>84</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>	6360PJD045
<b>Avanti Lot Number</b>	890880P-25MG-D-045

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% 18:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-CI] <sup>+</sup> = 667.574 ± 1 amu	[M-CI] <sup>+</sup> = 666.7 amu

Approved By:



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