

**14:0 TAP**

**1,2-dimyristoyl-3-trimethylammonium-propane (chloride salt)**

**890860C-200mg**

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<b>Molecular Weight</b>	590.361
<b>Chemical Formula</b>	C <sub>34</sub> H <sub>68</sub> NO <sub>4</sub> Cl
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6358CNB030
<b>Avanti Lot Number</b>	890860C-200MG-B-030

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution with 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% 14:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Cl] <sup>+</sup> = 555.361 ± 1 amu	[M-Cl] <sup>+</sup> = 554.8 amu

Approved By: *Andriana Thomas*

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