

**18:0 TAP**

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

**890880P-200mg**

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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>      | 6360PNC043   |
| <b>Avanti Lot Number</b> | 890880P-200MG-C-043                                |

| ANALYSIS             | SPECIFICATION   | RESULTS                         |
|----------------------|---|---------------------------------|
| Physical Examination | <b>Powder:</b> White solid which contains no foreign matter   | Pass                            |
| TLC                  | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: negative<br>Charring: negative<br>Water dip: one major spot | All Pass                        |
| FAME (GC/FID)        | NLT 99% 18:0 (AUC)  | Pass                            |
| Proton NMR           | NMR spectrum consistent with structure  | Consistent with structure       |
| Mass Spectroscopy    | [M-Cl] <sup>+</sup> = 667.574 ± 1 amu   | [M-Cl] <sup>+</sup> = 666.7 amu |

Approved By:



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