

**CHAPS**

3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfonate

**850500P-1g**

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|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 614.877   |
| <b>Chemical Formula</b>  | C <sub>32</sub> H <sub>58</sub> N <sub>2</sub> O <sub>7</sub> S |
| <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>      | 5696PQD013  |
| <b>Avanti Lot Number</b> | 850500P-1G-D-013  |

| ANALYSIS                                     | SPECIFICATION   | RESULTS                        |
|--|---|--------------------------------|
| Physical Examination                         | <b>Powder:</b> White solid which contains no foreign matter   | Pass                           |
| TLC<br>(10:10:3 Chloroform: Methanol: Water) | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: negative<br>Charring: positive<br>Water dip: one major spot | All Pass                       |
| Proton NMR                                   | NMR spectrum consistent with structure  | Consistent with structure      |
| Mass Spectroscopy                            | [M+H] <sup>+</sup> = 615.877 ± 1 amu  | [M+H] <sup>+</sup> = 615.8 amu |

Approved by:



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