

## Taurodehydrocholic acid, sodium salt

5 $\beta$ -cholanolic acid-3,7,12-trione N-(2-sulphoethyl)-amide, sodium salt

700242P-1mg

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|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| <b>Molecular Weight</b>  | 531.64                                              |
| <b>Chemical Formula</b>  | C <sub>26</sub> H <sub>44</sub> NNaO <sub>6</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>      | 6873PGA010                                          |
| <b>Avanti Lot Number</b> | 700242P-1MG-A-010                                   |

| ANALYSIS             | SPECIFICATION                                                                                                                                 | RESULTS                         |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Physical Examination | <b>Powder:</b> White solid which contains no foreign matter                                                                                   | Pass                            |
| TLC                  | >99% Purity<br>Ninhydrin spray: negative<br>Iodine: one major spot<br>Phosphorus: negative<br>Charring: negative<br>Water dip: one major spot | All Pass                        |
| Proton NMR           | NMR spectrum consistent with structure                                                                                                        | Consistent with structure       |
| Carbon NMR           | NMR spectrum consistent with structure                                                                                                        | Consistent with structure       |
| Mass Spectroscopy    | [M-Na] <sup>-</sup> = 508.64 $\pm$ 1 amu                                                                                                      | [M-Na] <sup>-</sup> = 508.2 amu |

Approved By:



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