

## Glucosylceramide (Soy)

Glucocerebrosides (Soy, 98%)

131304P-5mg

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|                          |                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------|
| <b>Molecular Weight</b>  | 714.025 (based on representative structure; may not reflect exact MW of compound) |
| <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>      | 5005PHC039                                                                        |
| <b>Avanti Lot Number</b> | 131304P-5MG-C-039                                                                 |

| ANALYSIS                                   | SPECIFICATION                                                                                                                           | RESULTS                     |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Physical Examination                       | <b>Powder:</b> White solid which contains no foreign matter.                                                                            | Pass                        |
| TLC<br>(80:20:2 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                    |
| UV Oxidation                               | NMT 5% total all wavelengths                                                                                                            | 0.98% total all wavelengths |
| FAME (GC/FID)                              | Consistent with historical data                                                                                                         | Pass                        |
| Mass Spectroscopy                          | $[M+H]^+ = 715.025 \pm 1$ amu                                                                                                           | $[M+H]^+ = 715.0$ amu       |

Approved by:

