

C24 Ceramide-d7 (d18:1-d7/24:0)

N-lignoceroyl-D-erythro-sphingosine (d7)

860678P-1mg

Page 1 of 1

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|--------------------------|--|
| Molecular Weight | 657.156 |
| Chemical Formula | C ₄₂ H ₇₂ D ₇ NO ₃ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 6095PGC011 |
| Avanti Lot Number | 860678P-1MG-C-011 |

| ANALYSIS | SPECIFICATION | RESULTS |
|------------------------------------|---|--------------------------------|
| Physical examination | Powder: White solid which contains no foreign matter. | Pass |
| TLC (95:5 Chloroform: Methanol) | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot | All Pass |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Mass Spectroscopy | [M+H] ⁺ = 658.156 ± 1 amu | [M+H] ⁺ = 658.3 amu |

Approved by:

