

n-dodecyl-β-D-maltoside (DDM)

n-dodecyl-β-D-maltopyranoside

850520P-1g

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| | |
|--------------------------|---|
| Molecular Weight | 510.615 |
| Chemical Formula | C ₂₄ H ₄₆ O ₁₁ |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | One year from date of receipt |
| M Lot Number | 5700PQD031 |
| Avanti Lot Number | 850520P-1G-D-031 |

| ANALYSIS | SPECIFICATION | RESULTS |
|--|---|---|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC (80:20:2 Chloroform: Methanol: Water) | >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+NH ₄] ⁺ = 528.615 ± 1 amu | [M+NH ₄] ⁺ = 528.6 amu |

 Approved By: *Anderson Thomas*

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