

n-dodecyl-β-D-maltoside (DDM)

n-dodecyl-β-D-maltopyranoside

850520P-1g

Page 1 of 1

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	5700PQE031
Avanti Lot Number	850520P-1G-E-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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