

n-decyl- β -D-maltoside
n-decyl- β -D-maltopyranoside
850521P-1g

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Molecular Weight 482.562
Chemical Formula C₂₂H₄₂O₁₁
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5701PQC012
Avanti Lot Number 850521P-1G-C-012

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] ⁺ = 500.562 $\pm$ 1 amu	[M+NH ₄] ⁺ = 500.4 amu

Approved By:



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