

n-dodecyl-β-D-maltoside (DDM)

n-dodecyl-β-D-maltopyranoside

850520P-5g

Page 1 of 1

Molecular Weight 510.615
Chemical Formula C₂₄H₄₆O₁₁
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5700PRA021
Avanti Lot Number 850520P-5G-A-021

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] ⁺ = 528.4 amu

Approved by:

