

**n-dodecyl-β-D-maltoside (DDM)**

n-dodecyl-β-D-maltopyranoside

**850520P-5g**

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<b>Molecular Weight</b>	510.615
<b>Chemical Formula</b>	C <sub>24</sub> H <sub>46</sub> O <sub>11</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20 °C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5700PRA020
<b>Avanti Lot Number</b>	850520P-5G-A-020

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> 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 <sub>4</sub> ] <sup>+</sup> = 528.615 ± 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 528.4 amu

Approved by:

