

**n-decyl- $\beta$ -D-maltoside**  
**n-decyl- $\beta$ -D-maltopyranoside**  
**850521P-1g**

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**Molecular Weight** 482.562  
**Chemical Formula** C<sub>22</sub>H<sub>42</sub>O<sub>11</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5701PQA011  
**Avanti Lot Number** 850521P-1G-A-011

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> = 500.562 $\pm$ 1 amu	[M+NH <sub>4</sub> ] <sup>+</sup> = 500.3 amu

Approved by:

