

**22:0 Trehalose**

D-(+)-trehalose 6,6'-dibehenate

**890808P-5mg**

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<b>Molecular Weight</b>	987.433
<b>Chemical Formula</b>	C <sub>56</sub> H <sub>106</sub> O <sub>13</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>	6351PHB017
<b>Avanti Lot Number</b>	890808P-5MG-B-017

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (65:25:4 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> = 1005.433 ± 1 amu	Pass

Approved by:

