

**Lyso GB3 (synthetic)**

Globotriaosylsphingosine

**860952P-500ug**
**Page 1 of 1**

<b>Molecular Weight</b>	785.91
<b>Chemical Formula</b>	C <sub>36</sub> H <sub>67</sub> NO <sub>17</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>	6632PFC010
<b>Avanti Lot Number</b>	860952P-500UG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White powder which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin spray: positive 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+H] <sup>+</sup> = 786.91 ± 1 amu	[M+H] <sup>+</sup> = 787.0 amu

 Approved By: *Meredith Bayroot*

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