

**NBD Phytosphingosine**

Omega-NBD D-ribo-Phytosphingosine

810314P-100ug

Page 1 of 1

<b>Molecular Weight</b>	495.612
<b>Chemical Formula</b>	C <sub>24</sub> H <sub>41</sub> N <sub>5</sub> O <sub>6</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>	5436PDA011
<b>Avanti Lot Number</b>	810314P-100UG-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 UV: one major spot Ninhydrin: positive Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All pass
Mass Spectroscopy	[M+H] <sup>+</sup> = 496.612 ± 1 amu	[M+H] <sup>+</sup> = 496.4 amu
Excitation/Emission by UV/VIS	467/535 nm	Pass

Approved by:

