

**C20 Ceramide (d18:1/20:0)**

N-arachidoyl-D-erythro-sphingosine

860520P-5mg

Page 1 of 1

<b>Molecular Weight</b>	594.007
<b>Chemical Formula</b>	C <sub>38</sub> H <sub>75</sub> NO <sub>3</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>	5972PHA013
<b>Avanti Lot Number</b>	860520P-5MG-A-013

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC (95:5 Chloroform: Methanol)	>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+H] <sup>+</sup> = 595.007 ± 1 amu	[M+H] <sup>+</sup> = 596.00 amu

Approved by:

