## Research Certificate of Analysis

C8 Ceramide-1-Phosphate (d18:1/8:0)

N-octanoyl-ceramide-1-phosphate (ammonium salt)

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Molecular Weight: 522.698 Molecular Formula: C<sub>26</sub>H<sub>55</sub>N<sub>2</sub>O<sub>6</sub>P

Storage: -20°C Shelf Life (Unopened): 1 Year Physical Form: Powder

Lot Number: 80CERPO4-14

## **Product Specifications**

Test	Limits	Results
Mass Spec	Consistent with Structure	Consistent with Structure
Proton NMR	Consistent with Structure	Consistent with Structure
TLC Analysis	>99%	>99%
Ninhydrin	Negative	Negative
lodine	One Spot	One Spot
Phosphorus	Positive	Positive
Char	Positive	Positive

**Signed:** Electronically Signed By QC

Release Date: June 27, 2009

Avanti Polar Lipids, Inc. 700 Industrial Park Drive, Alabaster, AL 35007-9105, USA

• (800) 227-0651 • (205) 663-2494 • Fax (800) 229-1004 • (205) 663-0756

• E-mail Orders: orders@avantilipids.com • E-mail Inquiries: info@avantilipids.com

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