

**18:0(2R-OH) Ceramide****N-(2'-(R)-hydroxystearoyl)-D-erythro-sphingosine****860829P-5mg****Page 1 of 1**

**Molecular Weight** 581.953  
**Chemical Formula** C<sub>36</sub>H<sub>71</sub>NO<sub>4</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6121PHD010  
**Avanti Lot Number** 860829P-5MG-D-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (9:1 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> = 582.953 ± 1 amu	[M+H] <sup>+</sup> = 582.90 amu



Approved by:

For Research Use Only. Not For Human Use.