

12:0(2R-OH) Ceramide
N-(2'-(R)-hydroxy-lauroyl)-D-erythro-sphingosine
860811P-5mg
Page 1 of 1

Molecular Weight	497.794
Chemical Formula	C ₃₀ H ₅₉ NO ₄
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6106PHA010
Avanti Lot Number	860811P-5MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: 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] ⁺ = 498.794 ± 1 amu	[M+H] ⁺ = 498.80 amu

Approved by:

