

Brain Sphingosine
D-erythro-Sphingosine (Brain, Porcine)
860025P-5MG

Page 1 of 1

Molecular Weight 299.492 (based on representative structure; may not reflect exact MW of compound)
Physical State Powder
Storage -20 °C
Expiration Date One year from date of receipt
M Lot Number 5862PHA025
Avanti Lot Number 860025P-5MG-A-025

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: positive 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] ⁺ = 300.492 ± 1 amu (predominant species)	[M+H] ⁺ = 300.2 amu (predominant species)

Approved by:

