

Certificate of Analysis

Cerebrosides (Brain)

Total Cerebrosides (Brain, Porcine)

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Molecular Weight 781.953 (average based on fatty acid distribution in product)

Physical State Powder Storage -20°C

Expiration Date One year from date of receipt

M Lot Number 5004PJF047

Avanti Lot Number 131303P-25MG-F-047

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder : White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: two spots Phosphorus: negative Charring: positive Water dip: two spots	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.10% total
Mass Spectroscopy	Consistent with historical data in positive Q1 scan	Consistent with historical data

Approved By: Ondiona Thomas