

Brain SM

Sphingomyelin (Brain, Porcine)

860062P-500mg

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| | |
|--------------------------|---|
| Molecular Weight | 760.223 (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 | 5870PPB132 |
| Avanti Lot Number | 860062P-500MG-B-132 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|---|---|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC | >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot | All Pass |
| FAME (GC/FID) | Consistent with historical data (not specifications): 16:0 = ~2% 18:0 = ~50% 20:0 = ~5% 22:0 = ~7% 24:0 = ~5% 24:1 = ~21% | Consistent with historical data |
| Mass Spectroscopy | [M+H] ⁺ = 731.61 ± 1 amu (predominant species) | [M+H] ⁺ = 731.6 amu (predominant species) |

Approved By:



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