

13:0 Lyso PE

1-tridecanoyl-sn-glycero-3-phosphoethanolamine

856706P-5mg

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Molecular Weight	411.471
Chemical Formula	C ₁₈ H ₃₈ NO ₇ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5788PHA011
Avanti Lot Number	856706P-5MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 13:0 (AUC)	100% 13:0 (AUC)
Phosphorus Assay	95-105% recovery phosphorus	99.3% recovery
Calcium (ICP/MS)	NMT 500 ppm	BLOQ
Mass Spectroscopy	[M+H] ⁺ = 412.5 ± 1 amu	[M+H] ⁺ = 412.2 amu

Approved by:



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