

13:0 Lyso PS

1-tridecanoyl-sn-glycero-3-phospho-L-serine (sodium salt)

858140P-1mg

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Molecular Weight	477.462
Chemical Formula	C ₁₉ H ₃₇ NNaO ₉ P
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5856PGB010
Avanti Lot Number	858140P-1MG-B-010

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
FAME (GC/FID)	NLT 99% 13:0 (AUC)	100% 13:0 (AUC)
Calcium (ICP/MS)	NMT 500ppm	None detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] ⁺ = 454.5 ± 1 amu	[M-Na] ⁺ = 454.4 amu

Approved by:

