

13:0 Lyso PG

1-tridecanoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)

858126C-5mg

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Molecular Weight	464.463
Chemical Formula	C ₁₉ H ₃₈ NaO ₉ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5854CHF010
Avanti Lot Number	858126C-5MG-F-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 13:0 (AUC)	99.6% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus Assay	Concentration ±5% target 95-105% recovery phosphorus	Pass
Calcium (ICP/MS)	NMT 500ppm	218ppm
Mass Spectroscopy	[M-Na] ⁺ = 441.463 ± 1 amu	[M-Na] ⁺ = 441.5 amu

Approved By:



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