

**17:0 Lyso PE-d5**

1-heptadecanoyl-2-hydroxy-sn-glycero(d5)-3-phosphoethanolamine

**856710L-1mg**

Page 1 of 1

<b>Molecular Weight</b>	472.61
<b>Chemical Formula</b>	C <sub>22</sub> H <sub>41</sub> D <sub>5</sub> NO <sub>7</sub> P
<b>Physical State</b>	1:1 Dichloromethane: Methanol
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6831LGA010
<b>Avanti Lot Number</b>	856710L-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	1:1 DCM: MeOH: Clear, colorless solution with 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% 17:0 (AUC)	99% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus Assay	Concentration ±5% target 95-105% recovery phosphorus	100% recovery
Mass Spectroscopy	[M+H] <sup>+</sup> = 473.61 ± 1 amu	[M+H] <sup>+</sup> = 473.5 amu

 Approved By: 

For Research Use Only. Not For Human Use.