

**22:6 PE****1,2-didocosahexaenoyl-sn-glycero-3-phosphoethanolamine****850797C-25mg****Page 1 of 1**

**Molecular Weight** 836.088  
**Chemical Formula** C<sub>49</sub>H<sub>74</sub>NO<sub>8</sub>P  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 5745CJA073  
**Avanti Lot Number** 850797C-25MG-A-073

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 837.088 ± 1 amu	[M+H] <sup>+</sup> = 836.8 amu
UV Oxidation	NMT 5% total all wavelengths	2.33%
FAME (GC/FID)	NLT 99% 22:6 (AUC)	99.9% (AUC)

Approved By: *Anderson Thomas*

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