

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	23166
Product	1,2-Dioleoyl-sn-glycero-3-phosphatidylethanolamino (+)-biotin
Lot Number	001328-2017-1-13
CAS Number	165191-88-8
Molecular Formula	C ₅₁ H ₉₂ N ₃ O ₁₀ PS
Molecular Weight	970.34

Appearance	White solid
Optical Rotation	[α] _D ²⁰ = +26.1 ± 2° (C=1 in CHCl ₃)
¹³ C NMR	Conforms to structure
¹ H NMR	Conforms to structure
Purity	> 97%
Storage	Store at 0-8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager