Chem-Impex International, Inc.

Tel: (630) 766-2112 E-mail: sales@chemimpex.com Shipping and Correspondence: 935 Dillon Drive Wood Dale, IL 60191 Fax: (630) 766-2218 Web site: www.chemimpex.com Manufacturing site: 825 Dillon Drive Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	33544
Lot Number	003259-2023-04-18
Product	1,2-Dilauroyl-sn-glycero-3-phosphatidic acid, 1,2-Didodecanoyl-sn-glycerol 3-phosphate sodium salt
CAS Number	108321-06-8
Molecular Formula	$C_{27}H_{52}O_8PNa$
Molecular Weight	558.66
Appearance	White powder
Optical Rotation	$[a]_D{}^{20} = 10.4 \pm 2 \circ (C=0.25 \text{ in MeOH})$
¹³ C NMR	Conforms to structure
¹ H NMR	Conforms to structure
Purity	>95% (NMR)
Storage	Store at $< -10 \ ^{\circ}\text{C}$
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

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Bala Kumar Quality Control Manager