Chem-Impex International, Inc.

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E-mail: sales@chemimpex.com Web site: www.chemimpex.com

Shipping and Correspondence: Manufacturing site:

935 Dillon Drive

Wood Dale, IL 60191

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 01845

Lot Number 000547-211212

Product L-α-Glycerophosphorylcholine (from egg

 $\begin{array}{ll} \textbf{CAS Number} & 28319\text{-}77\text{-}9 \\ \textbf{Molecular Formula} & C_8H_{20}NO_6P \\ \end{array}$

Molecular Weight 257.2

Appearance Lyophilized white powder

Solubility Water soluble free form (not a salt or a complex)

pH 5 - 7

Optical Rotation $[a]_D^{20} = -2.80^{\circ}$

Related Substances Glycerophosphoric acid contamination: None

¹H NMR Conforms to structure

Assay by titration 99.86% (On dried basis)

Storage Store at \leq -4 °C

Country of Origin USA

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