

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-13 16:00:18  
Date of Next Testing: 2025-02-12 16:00:18  
Product Name: **L- $\alpha$ -phosphatidylethanolamine (Soy)**  
CAS Number: 97281-51-1  
Specifications & Purity: >99%  
Lot #: E2113227  
SKU #: **L130310**  
**Analysis: 186987**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	1.7-2.1 (%)	1.90 %
Oxygen by Elemental Analysis	17.1-17.7 (%)	17.50 %
Purity(HPLC)	99-100 (%)	99.31200 %
Carbon by Elemental Analysis	63.3-64.3 (%)	63.80 %
Hydrogen by Elemental Analysis	9.8-10.3 (%)	10.10 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager