

Certificate of Analysis

Date of Testing: 2024-12-17 13:33:28

Date of Next Testing: 2026-12-17 13:33:28

Product Name: **1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[biotinyl(polyethylene glycol)-2000]**

CAS Number: 385437-57-0

Specifications & Purity: $\geq 95\%$

Lot #: L2411295

SKU #: **D130803**

Version: **1**

Analysis #: **451080**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	2.1-2.5 (%)	2.40 %
Phosphorus by Elemental Analysis	0.8-1.2 (%)	1.01 %
Sulfur by Elemental Analysis	0.8-1.3 (%)	1.21 %
Carbon by Elemental Analysis	55.8-56.7 (%)	56.60 %
Hydrogen by Elemental Analysis	9.1-9.6 (%)	9.50 %
Oxygen by Elemental Analysis	29.2-29.9 (%)	29.80 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager