

## Certificate of Analysis

Date of Testing: 2022-03-19 19:39:02  
Date of Next Testing: 2023-03-19 19:39:02  
Product Name: **N-Palmitoyl-D-sphingosine**  
CAS Number: 24696-26-2  
Specifications & Purity: >99%  
Lot #: C2212458  
SKU #: **N130620**  
**Analysis: 070973**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	2.4-2.8 (%)	2.50 %
Hydrogen by Elemental Analysis	12.2-12.8 (%)	12.41 %
Purity(HPLC)	99-100 (%)	100.00000 %
Carbon by Elemental Analysis	75-76.1 (%)	75.79 %
Appearance (N130620)	White to Off-White Powder or Solid	White to Off-White Powder or Solid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager