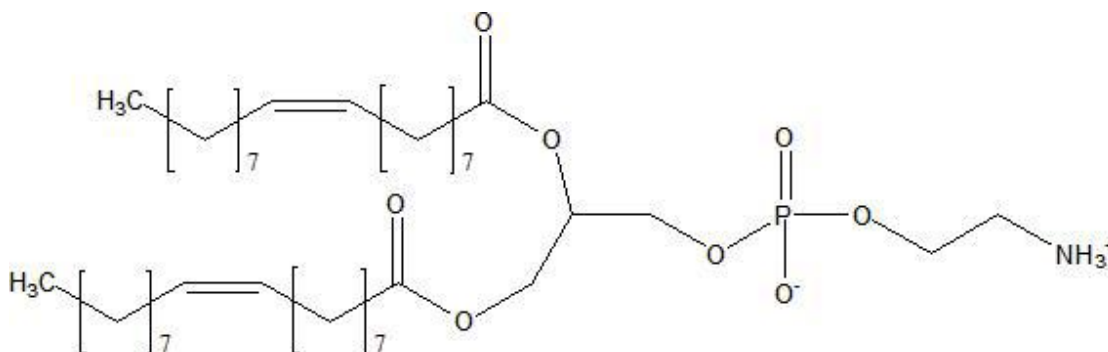


Certificate of Analysis

General properties:

Product Name: DOPE, 1,2-Dioleoyl-sn-glycero-3-phosphoethanolamine
 CAS: 4004-05-1
 Molecular Weight: 744.03 Dalton
 Chemical Formula: C₄₁H₇₈NO₈P
 Catalog Number: R-0015
 Lot Number: RA017138

Product Structure:



Product Specifications:

Items	Specification	Results
Appearance	Yellowish wax	Yellowish wax
¹ H NMR	Identical to the structure	Identical to the structure
Purity by HPTLC	>98%	99%

Date of Analysis: 2017.08.13

Recommended Retest date: 2019.08.12

Recommended Storage: -20°C in the dark

Stability: 24 months

This product is for research use only, Not for human or animal use