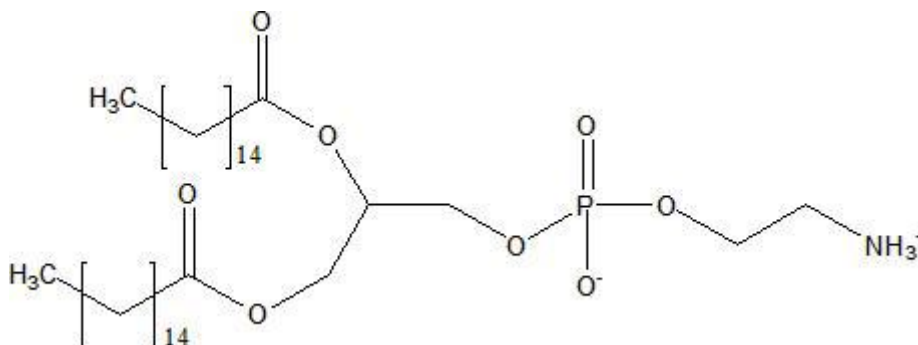


## Certificate of Analysis

### General properties:

Product Name: DPPE, 1,2-Dipalmitoyl-sn-glycero-3-phosphoethanolamine  
 CAS: 923-61-5  
 Molecular Weight: 691.98 Dalton  
 Chemical Formula: C<sub>37</sub>H<sub>74</sub>NO<sub>8</sub>P  
 Catalog Number: R-0012  
 Lot Number: RA017139

### Product Structure:



### Product Specifications:

Items	Specification	Results
Appearance	White powder	White powder
<sup>1</sup> 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**