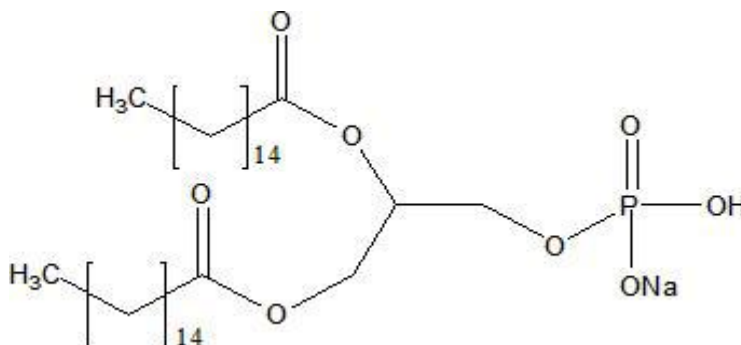


## Certificate of Analysis

### General properties:

Product Name: DPPA, Na, 1,2-Dipalmitoyl-sn-glycero-3-phosphatidic acid, sodium salt  
 CAS: 169051-60-9  
 Molecular Weight: 670.89 Dalton  
 Chemical Formula: C<sub>35</sub>H<sub>68</sub>O<sub>8</sub>PNa  
 Catalog Number: R-0022  
 Lot Number: RA017177

### 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: 2017.08.17

Recommended Retest date: 2019.08.16

Recommended Storage: -20°C in the dark

Stability: 24 months

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