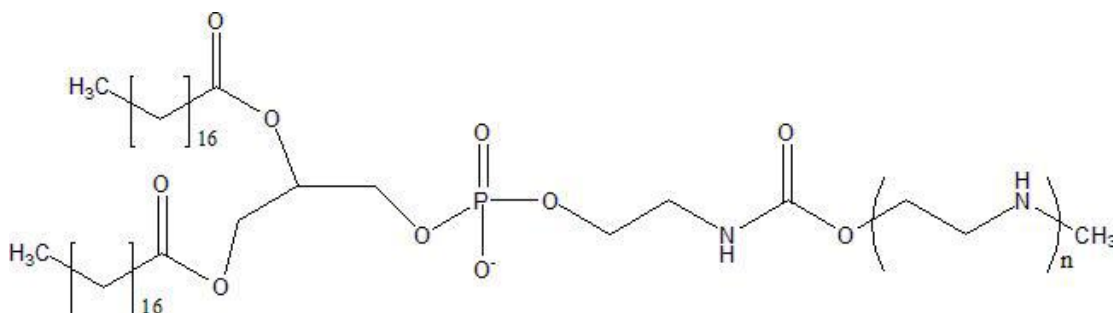


## Certificate of Analysis

### General properties:

Product Name: DSPE-PEI25K(linear)  
 Molecular Weight: PEG MW:750/1000/2000/3400/5000 Dalton  
 Catalog Number: R-0071  
 Lot Number: RA0711010

### Product Structure:



### Product Specifications:

Items	Specification	Results
Appearance	Solid powder or viscous liquid	Solid powder or viscous liquid
<sup>1</sup> H NMR	Identical to the structure	Identical to the structure
Substitution of DSPE by NMR	>95%	>95%

Date of Analysis: 2017.09.23

Recommended Retest date: 2018.09.23

Recommended Storage: -20°C

Stability: 1 year

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