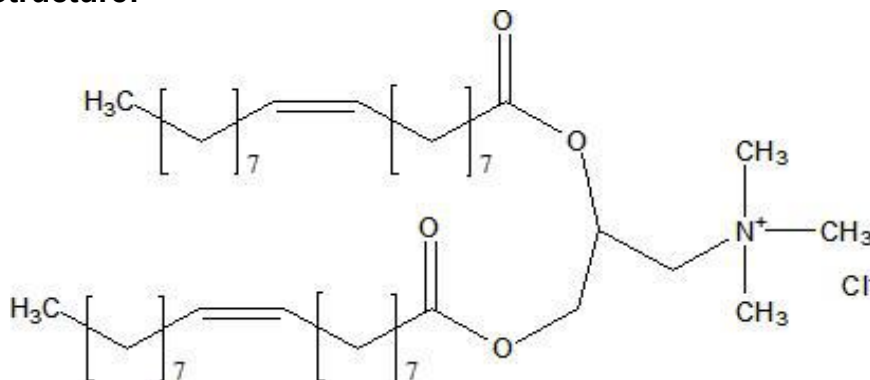


## Certificate of Analysis

### General properties:

Product Name: DOTAP, Cl, (2,3-Dioleoyloxy-propyl)-trimethylammonium-chloride  
 CAS: 132172-61-3  
 Molecular Weight: 698.56 Dalton  
 Chemical Formula: C<sub>42</sub>H<sub>80</sub>NO<sub>4</sub>Cl  
 Catalog Number: R-0025  
 Lot Number: RA017188

### Product Structure:



### Product Specifications:

Items	Specification	Results
Appearance	White wax	White wax
<sup>1</sup> H NMR	Identical to the structure	Identical to the structure
Purity by HPTLC	>98%	99%

Date of Analysis: 2017.08.18

Recommended Retest date: 2019.08.17

Recommended Storage: -20°C in the dark

Stability: 24 months

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