

## Analytical Data Sheet

Lot number **1076230**  
not for drug use

Catalog number **O-1615.1000**  
Product number **4005610.1000**  
Product **1, 2- Dipalmitoyl- rac- glycerol- 3- phosphocholine**  
Molecular formula **C<sub>40</sub>H<sub>80</sub>NO<sub>8</sub>P**  
Relative molecular mass **734.05**

| Tests                         | Results   |
|-------------------------------|---|
| Appearance                    | white powder  |
| Appearance of solution        | clear, colorless solution (50 mg/ml in CHCl <sub>3</sub> )  |
| Identification (ESI-MS)       | m = 733.8u (average mass)   |
| Melting point                 | 235 °C  |
| Purity (TLC)                  | > 95%   |
| TLC conditions                | ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/20/6/11<br>chloroform/methanol/acetic acid(98-100%)/H <sub>2</sub> O 45/13/1/2<br>chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1<br>plate: silicagel 60 F <sub>254</sub><br>detected by: UV, ammoniummolybdat, J <sub>2</sub> |
| Assay (elemental analysis)    | 95.9% (Cth 65.45 %, Cfd 62.78 %)  |
| Water content (KF volumetric) | 2.3%  |

Latest update: April 05, 2018

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