

Analytical Data Sheet

Lot number **1061124**
not for drug use

Catalog number **F-2630.1000**
Product number **4015000.1000**
Product **Palmitoyl- Cys((RS) - 2, 3- di(palmitoyloxy) - propyl) - OH**
Molecular formula **C₅₄H₁₀₃NO₇S**
Relative molecular mass **910.48**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in chloroform)
Identification (ESI-MS)	m= 910.5u (average mass)
Identification (TLC)	complies with authentic material
Melting point	72 °C
Specific optical rotation	$[\alpha]_D^{24} = + 15.3^\circ$ (1% in Chloroform)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/ethylacetate/acetic acid 50/50/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, ammoniummolybdate, TMB
Assay (elemental analysis)	99.9% (Cth 71.24%, Cfd 71.17%)

Latest update: August 13, 2015

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