

## Analytical Data Sheet

Lot number **1071566**  
not for drug use

Catalog number **B-4340.0500**  
Product number **4042951.0500**  
Product **Fmoc- Cys((R) - 2, 3- di(palmitoyloxy) - propyl) - OH**  
Molecular formula **C<sub>53</sub>H<sub>83</sub>NO<sub>8</sub>S**  
Relative molecular mass **894.31**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/mL in Dioxan)
Identification (ESI-MS)	m = 894.3u (average mass)
Purity (HPLC)	98.4% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/ethylacetate/acetic acid 50/50/2 toluene/dioxane/acetic acid 95/25/4 Plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB, ammoniummolybdate
Assay (titration)	100.1% (TBAH)
Water content (KF volumetric)	0.1%
Acetic acid content (IC)	0.001%

Latest update: May 04, 2017

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