

Analytical Data Sheet

Lot number **1000020759**
not for drug use

Catalog number **B-3760.1000**
Product number **4038236.1000**
Product **Fmoc- Cys((RS) - 2, 3- di(palmitoyloxy) - propyl) - OH**
Molecular formula **C₅₃H₈₃NO₈S**
Relative molecular mass **894.31**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in dioxane)
Identification (elemental analysis)	Theory Found C = 71.2% C = 71.1% H = 9.4% H = 9.2% N = 1.6% N = 1.6%
Identification (TLC)	Rf value in agreement with authentic material
Purity (HPLC)	99.23%(TFA)
Purity (TLC)	> 99%
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	103.5%(TBAH)
Water content (KF coulometric)	< 0.49%(LOQ)
Acetic acid content (IC)	0.003%

Latest update: August 23, 2019

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