

Analytical Data Sheet

Lot number **1000019023**
not for drug use

Catalog number **B-1645.0005**
Product number **4011898.0005**
Product **Fmoc- D- Cys(tBu) - OH**
Molecular formula $C_{22}H_{25}NO_4S$
Relative molecular mass 399.51

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.9% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Enantiomer content (chiral chromatography)	0.2% L-enantiomer
Assay (titration)	99.0% (TBAH)
Water content (KF volumetric)	< 0.1%
Acetic acid content (IC)	0.004%

Latest update: July 25, 2019

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