

Analytical Data Sheet

Lot number **1062428**
not for drug use

Catalog number **A-3435.0005**
Product number **4018970.0005**
Product **Boc- Cys(Fm) - OH**
Molecular formula **C₂₂H₂₅NO₄S**
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)	99.3% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	97.9% (TBAH)
Water content (KF volumetric)	2.2%

Latest update: November 02, 2015

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