

Analytical Data Sheet

Lot number **1000006210**
not for drug use

Catalog number **A-3930.0005**
Product number **4026800.0005**
Product **Boc- D- Cys(Acm) - OH**
Molecular formula $C_{11}H_{20}N_2O_5S$
Relative molecular mass 292.36

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (elemental analysis)	Theory Found C = 45.2 % C = 44.9 % H = 6.9 % H = 6.7 % N = 9.6 % N = 9.5 %
Identification (TLC)	complies with authentic material
Melting point	116 °C
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid 77.5/15/7.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.4% (Cth 45.19 %, Cfd 44.94 %)

Latest update: September 13, 2018

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