

## Analytical Data Sheet

Lot number **1071939**  
not for drug use

Catalog number **B-1900.0001**  
Product number **4015614.0001**  
Product **Fmoc- p- chloro- D- Phe- OH**  
Molecular formula  $C_{24}H_{20}ClNO_4$   
Relative molecular mass 421.88

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)
Identification (ESI-MS)	m = 421.7u
Identification (elemental analysis)	Theory Found C = 66.90 % C = 66.77 % H = 4.91 % H = 4.78 % N = 3.25 % N = 3.20 %  calc. as x 0.5 H <sub>2</sub> O (2.1%)
Identification (TLC)	complies with authentic material
Melting point	160 °C
Purity (HPLC)	99.5% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 90/8/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Water content (KF volumetric)	2.1%

Latest update: June 07, 2017

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