

## Analytical Data Sheet

Lot number **1000015349**  
not for drug use

Catalog number **B-3485.0001**  
Product number **4033337.0001**  
Product **Fmoc- L- leucinol**  
Molecular formula  $C_{21}H_{25}NO_3$   
Relative molecular mass 339.43

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (elemental analysis)	Theory Found C = 74.3% C = 74.2% H = 7.4% H = 7.6% N = 4.1% N = 4.1%
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.7% (TFA)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Enantiomer content (chiral chromatography)	< 0.1% D-enantiomer
Assay (elemental analysis)	99.9% (Cth 74.31%, Cfd 74.22%)
Acetic acid content (IC)	0.012%

Latest update: May 02, 2019

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