

Analytical Data Sheet

Lot number **1000028616**
not for drug use

Catalog number **B-4080.0005**
Product number **4066676.0005**
Product **Fmoc- α - Me- D- Leu- OH**
Molecular formula $C_{22}H_{25}NO_4$
Relative molecular mass 367.45

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (ESI-MS)	m = 367.4u (average mass)
Purity (HPLC)	99.7% (TFA)
Purity (TLC)	> 99%
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/toluene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Enantiomer content (GC)	0.3% L-Enantiomer
Assay (titration)	98.0% (TBAH)
Water content (KF volumetric)	0.4%

Latest update: February 14, 2020

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