

Analytical Data Sheet

Lot number **1059857**
not for drug use

Catalog number **B-2345.0025**
Product number **4025331.0025**
Product **Fmoc- β - cyclohexyl- D- Ala- OH**
Molecular formula **C₂₄H₂₇NO₄**
Relative molecular mass **393.48**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in dioxane)
Identification (elemental analysis)	Theory Found C = 73.3% C = 73.3% H = 6.9% H = 7.0% N = 3.6% N = 3.5%
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.8% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Enantiomer content (chiral chromatography)	< 0.1% L-enantiomer
Assay (titration)	100.1% (TBAH)
Water content (KF volumetric)	0.2%
Acetic acid content (IC)	0.004%

Latest update: June 08, 2015

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