

Analytical Data Sheet

Lot number **1070938**
not for drug use

Catalog number **B-2345.0001**
Product number **4025331.0001**
Product **Fmoc- β - cyclohexyl- D- Ala- OH**
Molecular formula $C_{24}H_{27}NO_4$
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 = 73.2% H = 6.9% H = 7.1% 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 chloroform/methanol/acetic acid 90/8/2 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)	99.3% (TBAH)
Water content (KF volumetric)	0.1%
Acetic acid content (IC)	< 0.002%

Latest update: March 23, 2017

Analytical Data Sheet
Lot number **1070938**