

Analytical Data Sheet

Lot number **1062260**
not for drug use

Catalog number **B-1765.0005**
Product number **4012057.0005**
Product **Fmoc- β - Ala- OPfp**
Molecular formula **C₂₄H₁₆F₅NO₄**
Relative molecular mass **477.39**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in dioxane)
Identification (elemental analysis)	Theory Found C = 60.4% C = 60.3% H = 3.4% H = 3.5% N = 2.9% N = 2.9%
Identification (TLC)	complies with authentic material
Melting point	117 °C
Purity (HPLC)	99.9% (TFA)
Purity (TLC)	> 98%
TLC conditions	methanol 90% plate: RP-8 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.9% (C _{th} 60.38%, C _{fd} 60.33%)