

Analytical Data Sheet

Lot number **1000005527**
not for drug use

Catalog number **B-2150.0001**
Product number **4015688.0001**
Product **Fmoc- Phe- Phe- OH**
Molecular formula $C_{33}H_{30}N_2O_5$
Relative molecular mass 534.61

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in dioxane)
Identification (TLC)	complies with authentic material
Purity (HPLC)	98.95% (TFA)
Purity (TLC)	> 99%
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/toluene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	95.3% (TBAH)
Water content (KF volumetric)	0.1%
Residual organic solvents (GC)	ethylacetate 1.11% (LOQ 34 mg/kg; LOD 10 mg/kg)

Latest update: September 12, 2018

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