

## Analytical Data Sheet

Lot number **1000011475**  
not for drug use

Catalog number **B-3070.0001**  
Product number **4027514.0001**  
Product **Fmoc- p- carboxy- Phe(OtBu) - OH**  
Molecular formula  $C_{29}H_{29}NO_6$   
Relative molecular mass 487.55

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in dioxane)
Identification (elemental analysis)	Theory Found C = 71.4% C = 71.3% H = 6.0% H = 6.1% N = 2.9% N = 2.8%
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.4% (TFA)
Purity (TLC)	> 99%
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/ethylacetate/acetic acid 50/50/2 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.7% (Cth 71.44%, Cfd 71.25%)
Assay (titration)	98.8% (TBAH)

Latest update: April 23, 2019

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