

## Analytical Data Sheet

Lot number **1072084**  
not for drug use

Catalog number **B-4135.1000**  
Product number **4072394.1000**  
Product **Fmoc- ε- azido- Nle- OH**  
Molecular formula  $C_{21}H_{22}N_4O_4$   
Relative molecular mass 394.43

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in acetone)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.6% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/ethylacetate/acetic acid 50/50/2 toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	100.4% (Nth 14.20%, Nfd 14.25%)
Assay (titration)	99.1% (TBAH)
Water content (KF volumetric)	0.2%
Acetic acid content (IC)	0.002%

Latest update: June 07, 2017

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