

## Analytical Data Sheet

Lot number **1075853**  
not for drug use

Catalog number **A-2200.0025**  
Product number **4007828.0025**  
Product **Boc- Phe- Leu- Phe- Leu- Phe- OH**  
Molecular formula  $C_{44}H_{59}N_5O_8$   
Relative molecular mass 785.98

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/mL in dimethylformamide)
Identification (ESI-MS)	$m = 786.0u$ (average mass)
Identification (TLC)	complies with authentic material
Purity (HPLC)	98.4% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H <sub>2</sub> O 90/10/0.5/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	97.5% (Nth 8.91%, Nfd 8.69%)

Latest update: March 01, 2018

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