

## Analytical Data Sheet

Lot number **1075966**  
not for drug use

Catalog number **M-1385.0100**  
Product number **4006713.0100**  
Product **FA- Leu- Gly- Pro- Ala- OH**  
Molecular formula  $C_{23}H_{32}N_4O_7$   
Relative molecular mass 476.53

Tests	Results
Appearance	light yellowish powder
Appearance of solution	clear, yellow solution (50 mg/mL in DMF)
Identification (ESI-MS)	m = 476.5u (average mass)
Identification (TLC)	complies with authentic material
Purity (HPLC)	98.8% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	92.1% (Nth 11.76%, Nfd 10.83%)
Water content (KF volumetric)	3.7%

Latest update: March 07, 2018

**Analytical Data Sheet**  
Lot number **1075966**