

## Analytical Data Sheet

Lot number **1058340**  
not for drug use

Catalog number I-1465.0250  
Product number 4012873.0250  
Product **Suc- Ala- Ala- Pro- Phe- AMC**  
Molecular formula  $C_{34}H_{39}N_5O_9$   
Relative molecular mass 661.71

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (ESI-MS)	m = 661.7u (average mass)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.5% (TFA) 99.5% (NaClO <sub>4</sub> )
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 plate: silicagel 60 F <sub>254</sub> detected by: UV 366 nm, ninhydrin, chlorine-tolidine
Assay (titration)	98.3%