

Analytical Data Sheet

Lot number **1000012745**
not for drug use

Catalog number **I-1465.0050**
Product number **4012873.0050**
Product **Suc- Ala- Ala- Pro- Phe- AMC**
Molecular formula **C₃₄H₃₉N₅O₉**
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 ₄)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 plate: silicagel 60 F ₂₅₄ detected by: UV 366 nm, ninhydrin, chlorine-tolidine
Assay (titration)	98.3%

Latest update: February 22, 2019

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