

Analytical Data Sheet

Lot number **1075187**
not for drug use

Catalog number **I-1275.0250**
Product number **4006754.0250**
Product **MeOSuc- Ala- Phe- Lys- AMC trifluoroacetate salt**
Molecular formula **C₃₃H₄₁N₅O₈**
Relative molecular mass **635.72**

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (TLC)	complies with authentic material
Purity (HPLC)	95.1% (TFA)
Purity (TLC)	> 96%
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	77.0% (Nth: 11.02%, Nfd: 8.49%)
Water content (KF volumetric)	2.5%

Latest update: January 16, 2018

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