

Analytical Data Sheet

Lot number	1000032956 not for drug use
Product	MeOSuc-Ala-Phe-Lys-AMC trifluoroacetate salt
Product number	4006754.0050
Molecular formula	C ₃₃ H ₄₁ N ₅ O ₈
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: June 25, 2020

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