

Analytical Data Sheet

Lot number **1000010554**
not for drug use

Catalog number **N-1055.0025**
Product number **4009927.0025**
Product **MeOSuc- Ala- Ala- Pro- Val- chloromethylketone**
Molecular formula $C_{22}H_{35}ClN_4O_7$
Relative molecular mass 503.00

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Melting point	157 °C
Purity (HPLC)	95.6% (TFA)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	97.6% (Nth 11.14%, Nfd 10.87%)
Water content (KF volumetric)	0.4%
General comment	Hygroscopic product

Latest update: January 15, 2019

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