

Analytical Data Sheet

Lot number **1000018273**
not for drug use

Catalog number **H-6675.0100**
Product number **4014232.0100**
Product **Abz- Ala- Gly- Leu- Ala- p- nitrobenzylamide**
Molecular formula $C_{28}H_{37}N_7O_7$
Relative molecular mass 583.65

Tests	Results
Appearance	yellow lyophilisate
Appearance of solution	clear, yellow solution (50 mg/ml in AcOH 50 %)
Identification (TLC)	complies with authentic material
Purity (HPLC)	96.2% (TFA)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol 9/1 chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 85/10/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	98.4% (Nth 16.80 %, Nfd 16.53 %)
Water content (KF volumetric)	1.4%

Latest update: July 09, 2019

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