

Analytical Data Sheet

Lot number **1000035044**
not for drug use

Product Z-Gly-Pro-Arg-AMC · HCl

Product number **4002047.0100**

Molecular formula C₃₁H₃₇N₇O₇ · HCl

Relative molecular mass 656.14

Tests	Results
Appearance	white powder
Solubility	soluble in acetic acid 60%
Purity (HPLC)	99.6% (TFA) 99.8% (TEAP)
TLC conditions	chloroform/methanol/acetic acid (98-100%)/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	86% (Nth 15.82%, Nfd 13.59%)
Water content (KF volumetric)	3.9%
Chloride content (titration)	4.8%

Latest update: July 06, 2020

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