

Analytical Data Sheet

Lot number **1000017916**
not for drug use

Catalog number **K-1175.0250**
Product number **4000903.0250**
Product **Z- Gly- Gly- Arg- βNA · HCl**
Molecular formula **C₂₈H₃₃N₇O₅ · HCl**
Relative molecular mass **584.08**

Tests	Results
Appearance	white powder
Identification (elemental analysis)	Theory Found C = 55.8 % C = 56.0 % H = 6.0 % H = 6.0 % N = 16.2 % N = 16.2 % calc. as 1 HCl (6.05 %) 1.05 H ₂ O (3.14 %)
Purity (TLC)	> 98%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	91.1%
Water content (KF volumetric)	3.3%
Chlorine content (elemental analysis)	6.0%

Latest update: June 28, 2019

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