

Analytical Data Sheet

Lot number **1000027950**
not for drug use

Catalog number L-2120.0100
Product number 4029234.0100
Product H- D- Pro- Phe- Arg- pNA · 2 HCl
Molecular formula $C_{26}H_{34}N_8O_5 \cdot 2 HCl$
Relative molecular mass 611.53

Tests	Results
Appearance	pale yellow powder
Appearance of solution	clear, slightly, pale yellowish solution (50 mg/ml in methanol 50 %)
Purity (TLC)	> 97%
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 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, chlorine-tolidine
Assay (elemental analysis)	84.1 % (Nth 20.80 %, Nfd 17.49 %)
Water content (KF volumetric)	2.9%
Chloride content (IC)	11.4(AgNO ₃)
General comment	product supplied as an hydrochloric salt product is hygroscopic

Latest update: February 03, 2020

Analytical Data Sheet
Lot number **1000027950**