

## Analytical Data Sheet

Lot number **1066840**  
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<sub>26</sub>H<sub>34</sub>N<sub>8</sub>O<sub>5</sub> · 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 <sub>2</sub> O 60/60/12/36 chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 plate: silicagel 60 F <sub>254</sub> 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 <sub>3</sub> )
General comment	product supplied as an hydrochloric salt product is hygroscopic

Latest update: July 11, 2016

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