

## Analytical Data Sheet

Lot number **1056633**  
not for drug use

Catalog number **L-1720.0250**  
Product number **4017320.0250**  
Product **Suc- Ala- Ala- Pro- Arg- pNA acetate salt**  
Molecular formula **C<sub>27</sub>H<sub>39</sub>N<sub>9</sub>O<sub>9</sub>**  
Relative molecular mass **633.66**

Tests	Results
Appearance	pale yellow powder
Appearance of solution	clear, colorless solution (50 mg/ml in 50 % dioxane)
Identification (TLC)	complies with authentic material
Purity (HPLC)	98.7% (TFA) 98.9% (NaClO <sub>4</sub> )
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/60/12/36 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	88.0% (Nth 19.89 %, Nfd 17.50 %)
Water content (KF volumetric)	1.6%
Acetic acid content (HPLC)	9.5%
General comment	product supplied as an acetic acid salt

Latest update: May 11, 2015

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