

**Analytical Data Sheet**

<b>Lot number</b>	<b>1000047392</b> not for drug use
<b>Product</b>	Suc-Ala-Ala-Pro-Arg-pNA acetate salt
<b>Product number</b>	<b>4017320.0050</b>
<b>Molecular formula</b>	C <sub>27</sub> H <sub>39</sub> N <sub>9</sub> O <sub>9</sub>
<b>Relative molecular mass</b>	633.66

<b>Tests</b>	<b>Results</b>
<b>Appearance</b>	pale yellow lyophilisate
<b>Appearance of solution</b>	clear, pale yellow solution (50 mg/mL in 50% dioxane)
<b>Identification (ESI-MS)</b>	m = 633.7u (average mass)
<b>Identification (TLC)</b>	complies with authentic material
<b>Purity (HPLC)</b>	98.9% (TFA) 98.3% (TEAP)
<b>Purity (TLC)</b>	> 99%
<b>Related impurities (TLC)</b>	< 0.1% pNA (p-Nitroaniline)
<b>TLC conditions</b>	chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/60/12/36 chloroform/methanol/acetic acid/H <sub>2</sub> O 60/45/14/6 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
<b>Assay (elemental analysis)</b>	91.9% (Nth 19.89%, Nfd 18.27%)
<b>Water content (KF volumetric)</b>	2.3%

Latest update: March 19, 2021

**Analytical Data Sheet**  
Lot number **1000047392**