

## Analytical Data Sheet

<b>Lot number</b>	<b>1000045756</b> not for drug use
<b>Product</b>	<b>Acetyl-Neurotensin (8-13)</b> Ac-Arg-Arg-Pro-Tyr-Ile-Leu-OH
<b>Product number</b>	<b>4008911.0005</b>
<b>Molecular formula</b>	C <sub>40</sub> H <sub>66</sub> N <sub>12</sub> O <sub>9</sub>
<b>Relative molecular mass</b>	859.04

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (FAB-MS)</b>	[M + H] <sup>+</sup> : m/z = 859 u
<b>Amino acid analysis</b>	Pro 1.10 (1) Ile 0.75 (1) Leu 0.87 (1) Arg 2.21 (2) Tyr 1.00 (1)
<b>Solubility</b>	soluble in water
<b>Purity (HPLC)</b>	95.3% NaClO <sub>4</sub> 95.6% Teap 95.6% TFA
<b>TLC conditions</b>	plate: silicagel 60 F <sub>254</sub>
<b>Assay (elemental analysis)</b>	86% (N <sub>Th</sub> 19.6%, N <sub>Fd</sub> 16.9%)

Latest update: March 09, 2021

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