

## Analytical Data Sheet

<b>Lot number</b>	<b>1000037856</b> not for drug use
<b>Product</b>	<b>Met-Enkephalin acetate salt</b> H-Tyr-Gly-Gly-Phe-Met-OH acetate salt
<b>Product number</b>	<b>4000010.0100</b>
<b>Molecular formula</b>	C <sub>27</sub> H <sub>35</sub> N <sub>5</sub> O <sub>7</sub> S
<b>Relative molecular mass</b>	573.67

Tests	Results
<b>Appearance</b>	white lyophilisate
<b>Appearance of solution</b>	clear, colorless solution (25 mg/mL in 30% acetic acid)
<b>Identification (ESI-MS)</b>	m = 573.7u (average mass)
<b>Amino acid analysis</b>	Gly 2.2 (2) Tyr 1.0 (1) Met 0.9 (1) Phe 1.0 (1)
<b>Purity (HPLC)</b>	99.8% (TFA) 99.9% (TEAP) 99.8% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	95.0% (Nth 12.21%, Nfd 11.60%)
<b>Water content (KF volumetric)</b>	2.8%
<b>Mass balance</b>	97.8% (95.0% (assay) + 2.8% (H <sub>2</sub> O))

Latest update: September 08, 2020

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