

Analytical Data Sheet

Lot number **1000007000**
not for drug use

Catalog number **H-2785.0025**
Product number **4000010.0025**
Product **Met- Enkephalin acetate salt**
H- Tyr- Gly- Gly- Phe- Met- OH acetate salt
Molecular formula **C₂₇H₃₅N₅O₇S**
Relative molecular mass **573.67**

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

Latest update: October 05, 2018

Analytical Data Sheet
Lot number **1000007000**