

Analytical Data Sheet

Lot number **1074230**
not for drug use

Catalog number **H-4582.0001**
Product number **4029116.0001**
Product **(D- Trp⁶) - LHRH- Leu- Arg- Pro- Gly amide trifluoroacetate salt**
Pyr- His- Trp- Ser- Tyr- D- Trp- Leu- Arg- Pro- Gly- Leu- Arg- Pro- Gly- NH₂ trifluoroacetate salt
Molecular formula **C₈₃H₁₁₅N₂₅O₁₇**
Relative molecular mass **1734.98**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/0.5 ml in water)
Identification (ESI-MS)	m = 1735.0u
Amino acid analysis	Ser 0.99 (1) Glx 1.03 (1) Pro 1.97 (2) Gly 1.86 (2) Leu 2.00 (2) Tyr 0.95 (1) His 0.98 (1) Arg 2.13 (2) Trp det. (2)
Purity (HPLC)	96.6% (TFA) 97.1% (TEAP) 97.4% (NaClO ₄)
Assay (elemental analysis)	77.3% (Nth 20.18 %, Nfd 15.59 %)
Water content (KF volumetric)	6.2%
Trifluoroacetic acid content (HPLC)	16.9%
General comment	product supplied as a trifluoroacetate salt

Latest update: November 08, 2017

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