

Analytical Data Sheet

Lot number **1000009484**
not for drug use

Catalog number **H-3078.0025**
Product number **4026526.0025**
Product **(D- Trp⁶) - LHRH (free acid) trifluoroacetate salt**
Pyr- His- Trp- Ser- Tyr- D- Trp- Leu- Arg- Pro- Gly- OH
trifluoroacetate salt
Molecular formula **C₆₄H₈₁N₁₇O₁₄**
Relative molecular mass **1312.45**

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in water)
Identification (ESI-MS)	m = 1312.4u (average mass)
Amino acid analysis	Ser det. (1) Pro 1.00(1) Glx 0.96(1) Tyr 1.00(1) Gly 1.02(1) Leu 0.98(1) His 1.00(1) Trp det. (2) Arg 1.00(1)
Purity (HPLC)	98.7% (TFA)
Assay (elemental analysis)	79.8% (Nth 18.14% Nfd 14.48%)
Water content (KF volumetric)	1.6%
Trifluoroacetic acid content (HPLC)	16.8%
Mass balance	98.2% (assay + trifluoroacetic acid content + water content)

Latest update: November 29, 2018

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