

Analytical Data Sheet

Lot number **1000007951**
not for drug use

Catalog number **H-5796.0005**
Product number **4035303.0005**
Product **(D- His², D- Ser(tBu)⁶, Azagly¹⁰) - LHRH**
Pyr- D- His- Trp- Ser- Tyr- D- Ser(tBu) - Leu- Arg- Pro-
Azagly- NH₂
Molecular formula **C₅₉H₈₄N₁₈O₁₄**
Relative molecular mass **1269.43**

Tests	Results
Appearance	white powder
Identification (ESI-MS)	m = 1269.3u (average mass)
Identification (ESI-MS/MS)	conforms with sequence
Solubility	1 mg/ml in water
Purity (HPLC)	97.0% TFA 97.4% TEAP
Enantiomer content (GC)	Pro 0.11% D-Enantiomer Leu 0.10% D-Enantiomer Ser 46.6% D-Enantiomer Glu < 0.10% D-Enantiomer Tyr 1.29% D-Enantiomer Arg < 0.10% D-Enantiomer Trp 0.14% D-Enantiomer His 0.27% L-Enantiomer
Assay (elemental analysis)	79.3% (Nth 19.86%, Nfd 15.75%)

Latest update: November 06, 2018

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