

## Analytical Data Sheet

Lot number **1000005419**  
not for drug use

Catalog number **H-6636.0001**  
Product number **4058815.0001**  
Product **(Des- Gly<sup>10</sup>, D- Trp<sup>3</sup>, D- Leu<sup>6</sup>, Pro- NHEt<sup>9</sup>) - LHRH  
trifluoroacetate salt**  
Pyr- His- D- Trp- Ser- Tyr- D- Leu- Leu- Arg- Pro- NHEt  
trifluoroacetate salt  
Molecular formula **C<sub>59</sub>H<sub>84</sub>N<sub>16</sub>O<sub>12</sub>**  
Relative molecular mass **1209.42**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1209.16
Amino acid analysis	Ser 1.00 (1) His 1.00 (1) Glx 1.02 (1) Trp* 0.26 (1) Pro 1.04 (1) Arg 0.99 (1) Leu 1.98 (2) Tyr 0.96 (1)  *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	97.4%
Assay (AAA)	74.1%

Latest update: September 12, 2018

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