

## Analytical Data Sheet

Lot number **1067373**  
not for drug use

**Catalog number** H-6638.0001  
**Product number** 4048380.0001  
**Product** (Des- Gly<sup>10</sup>, D- His<sup>2</sup>, D- Ser<sup>4</sup>, D- Leu<sup>6</sup>, Pro- NHEt<sup>9</sup>) - LHRH trifluoroacetate salt  
Pyr- D- His- Trp- D- 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
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	1209.22
<b>Amino acid analysis</b>	Ser 0.94 (1) His 1.08 (1) Glx 0.97 (1) Trp* 0.76 (1) Pro 1.01 (1) Arg 1.04 (1) Leu 1.91 (2) Tyr 0.99 (1)  *Partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in water at 1mg/mL
<b>Purity (HPLC)</b>	95.2%
<b>Assay (AAA)</b>	78.4%
<b>Date of manufacture</b>	September 23, 2015

Latest update: August 18, 2016

**Analytical Data Sheet**  
Lot number **1067373**