

## Analytical Data Sheet

Lot number **1000000644**  
not for drug use

Catalog number **H-5796.0001**  
Product number **4035303.0001**  
Product **(D- His<sup>2</sup>, D- Ser(tBu)<sup>6</sup>, Azagly<sup>10</sup>) - LHRH**  
Pyr- D- His- Trp- Ser- Tyr- D- Ser(tBu) - Leu- Arg- Pro-  
Azagly- NH<sub>2</sub>  
Molecular formula **C<sub>59</sub>H<sub>84</sub>N<sub>18</sub>O<sub>14</sub>**  
Relative molecular mass **1269.43**

Tests	Results
Appearance	white powder
Identification (ESI-MS)	m = 1269.3u (average mass)
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: June 19, 2018

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