

Analytical Data Sheet

Lot number **1000002499**
not for drug use

Catalog number H-5654.0005
Product number 4035304.0005
Product (D- Ser⁴, D- Ser(tBu)⁶, Azagly¹⁰) - LHRH
trifluoroacetate salt
 Pyr- His- Trp- D- Ser- Tyr- D- Ser(tBu) - Leu- Arg- Pro-
 Azagly- NH₂ trifluoroacetate salt
Molecular formula C₅₉H₈₄N₁₈O₁₄
Relative molecular mass 1269.43

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in acetic acid 50%)
Identification (ESI-MS/MS)	conforms with sequence
Identification (MALDI-MS)	m= 1264.4u (avarage mass)
Purity (HPLC)	98.5% (TFA) 98.8% (TEAP)
Enantiomer content (GC)	Pro 0.12% D-Enantiomer Leu < 0.10% D-Enantiomer Ser < 0.10% L-Enantiomer Glu < 0.10% D-Enantiomer Tyr 0.48% D-Enantiomer Arg < 0.10% D-Enantiomer Trp < 0.10% D-Enantiomer His 0.13% D-Enantiomer
Assay (elemental analysis)	74.1% (Nth 19.86%, Nfd 14.72%)

Latest update: July 05, 2018

Analytical Data Sheet
Lot number **1000002499**