

Analytical Data Sheet

Lot number **1000000549**
not for drug use

Catalog number **H-6212.0005**
Product number **4028309.0005**
Product **LHRH (1- 5) (free acid) trifluoroacetate salt**
Pyr- His- Trp- Ser- Tyr- OH trifluoroacetate salt
Molecular formula **C₃₄H₃₈N₈O₉**
Relative molecular mass **702.72**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 mg/ml in AcOH 80 %)
Identification (ESI-MS)	m = 702.2u (monoisotopic mass)
Purity (HPLC)	98.34% (TFA)
Assay (elemental analysis)	81.1% (Nth = 15.95%, Nfd=12.94%)
Water content (KF volumetric)	4.4%
Trifluoroacetic acid content (HPLC)	13.8%

Latest update: May 16, 2018

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