

Analytical Data Sheet

Lot number **1053497**
not for drug use

Catalog number **H-4010.0025**
Product number **4009735.0025**
Product **LHRH (free acid) trifluoroacetate salt**
Pyr- His- Trp- Ser- Tyr- Gly- Leu- Arg- Pro- Gly- OH
trifluoroacetate salt
Molecular formula $C_{55}H_{74}N_{16}O_{14}$
Relative molecular mass 1183.29

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/ml in water)
Identification (ESI-MS)	m = 1183.3u (average mass)
Amino acid analysis	Ser 0.9(1) Pro 1.0(1) Glx 1.0(1) Tyr 1.0(1) Gly 2.1(2) Leu 1.0(1) His 1.0(1) Trp det. Arg 1.1(1)
Purity (HPLC)	98.4% (TFA) 98.6% (TEAP)
Assay (elemental analysis)	80.6% (Nth 18.94 %, Nfd 15.26 %)