

Analytical Data Sheet

Lot number **1059461**
not for drug use

Catalog number **H-5992.0500**
Product number **4042845.0500**
Product **(Ala¹¹, D- Leu¹⁵) - Orexin B (human) trifluoroacetate salt**
H- Arg- Ser- Gly- Pro- Pro- Gly- Leu- Gln- Gly- Arg- Ala-
Gln- Arg- Leu- D- Leu- Gln- Ala- Ser- Gly- Asn- His- Ala-
Ala- Gly- Ile- Leu- Thr- Met- NH₂ trifluoroacetate salt
Molecular formula **C₁₂₀H₂₀₆N₄₄O₃₅S**
Relative molecular mass **2857.30**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (1 mg/ml in water)
Identification (ESI-MS)	m = 2856.3u (average mass)
Purity (HPLC)	96.3% TFA 97.7% TEAP 97.0% NaClO ₄
Assay (elemental analysis)	77.8% (Nth 21.57 %, Nfd 16.77 %)
General comment	Product is sensitive to oxidation

Latest update: May 26, 2015

Analytical Data Sheet
Lot number **1059461**