

## Analytical Data Sheet

Lot number **1062607**  
not for drug use

Catalog number **H-5992.1000**  
Product number **4042845.1000**  
Product **(Ala<sup>11</sup>, D- Leu<sup>15</sup>) - 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- NH<sub>2</sub> trifluoroacetate salt  
Molecular formula **C<sub>120</sub>H<sub>206</sub>N<sub>44</sub>O<sub>35</sub>S**  
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 <sub>4</sub>
Assay (elemental analysis)	77.8% (Nth 21.57 %, Nfd 16.77 %)
General comment	Product is sensitive to oxidation

Latest update: November 06, 2015

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