

## Analytical Data Sheet

Lot number **1073379**  
not for drug use

Catalog number **H-4172.5000**

Product number **4028262.5000**

Product **Orexin A (human, mouse, rat) trifluoroacetate salt**  
Pyr- Pro- Leu- Pro- Asp- Cys- Cys- Arg- Gln- Lys- Thr-  
Cys- Ser- Cys- Arg- Leu- Tyr- Glu- Leu- Leu- His- Gly-  
Ala- Gly- Asn- His- Ala- Ala- Gly- Ile- Leu- Thr- Leu- NH<sub>2</sub>  
trifluoroacetate salt  
(Disulfide bonds between Cys<sup>6</sup> and Cys<sup>12</sup>/Cys<sup>7</sup> and  
Cys<sup>14</sup>)

Molecular formula **C<sub>152</sub>H<sub>243</sub>N<sub>47</sub>O<sub>44</sub>S<sub>4</sub>**

Relative molecular mass **3561.16**

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in water)
Identification (ESI-MS)	m = 3561.1u (average mass)
Purity (HPLC)	95.9% (TFA) 98.6% (TEAP)
Assay (elemental analysis)	81.8% (Nth 18.49%, Nfd 15.12%)
General comment	product supplied as trifluoroacetate salt

Latest update: September 18, 2017

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