

Analytical Data Sheet

Lot number **1068668**
not for drug use

Catalog number **H-4172.0500**

Product number **4028262.0500**

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- NH₂
trifluoroacetate salt
(Disulfide bonds between Cys⁶ and Cys¹²/Cys⁷ and
Cys¹⁴)

Molecular formula **C₁₅₂H₂₄₃N₄₇O₄₄S₄**

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: November 15, 2016

Analytical Data Sheet
Lot number **1068668**