

Analytical Data Sheet

Lot number **1067775**
not for drug use

Catalog number **H-4172.1000**

Product number **4028262.1000**

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: September 12, 2016

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