

Analytical Data Sheet

Lot number **1068757**
not for drug use

Catalog number **H-5688.1000**

Product number **4038212.1000**

Product **Biotinyl- α - CGRP (human) trifluoroacetate salt**
Biotinyl- Ala- Cys- Asp- Thr- Ala- Thr- Cys- Val- Thr-
His- Arg- Leu- Ala- Gly- Leu- Leu- Ser- Arg- Ser- Gly-
Gly- Val- Val- Lys- Asn- Asn- Phe- Val- Pro- Thr- Asn-
Val- Gly- Ser- Lys- Ala- Phe- NH₂ trifluoroacetate salt
(Disulfide bond)

Molecular formula **C₁₇₃H₂₈₁N₅₃O₅₁S₃**

Relative molecular mass **4015.66**

| Tests | Results |
|----------------------------|--|
| Appearance | white powder |
| Appearance of solution | clear, colorless solution (1 mg/ml in water) |
| Identification (ESI-MS) | m = 4014.4u (average mass) |
| Purity (HPLC) | 96.4% (TFA) 96.4% (TEAP) |
| Assay (elemental analysis) | 77.2% (Nth 18.49 %, Nfd 14.28 %) |
| General comment | product supplied as a trifluoroacetate salt |

Latest update: November 23, 2016

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