

Analytical Data Sheet

Lot number **1064699**
not for drug use

Catalog number H-8570.0500
Product number 4016962.0500
Product **Neuropeptide Y (3- 36) (porcine) trifluoroacetate salt**
 H- Ser- Lys- Pro- Asp- Asn- Pro- Gly- Glu- Asp- Ala-
 Pro- Ala- Glu- Asp- Leu- Ala- Arg- Tyr- Tyr- Ser- Ala-
 Leu- Arg- His- Tyr- Ile- Asn- Leu- Ile- Thr- Arg- Gln- Arg-
 Tyr- NH₂ trifluoroacetate salt
Molecular formula C₁₇₆H₂₇₁N₅₃O₅₄
Relative molecular mass 3993.41

| Tests | Results |
|-----------------------------------|--|
| Appearance | white lyophilisate |
| Appearance of solution | clear, colorless solution (1 mg/ml in H ₂ O) |
| Identification (ESI-MS) | m = 3992.8u (average mass) |
| Amino acid analysis | Asx 5.00 (5) Arg 4.28 (4) Lys 1.00 (1) Ser 1.83 (2) Thr 1.01 (1) Ile 1.97 (2) Glx 3.03 (3) Ala 4.02 (4) Leu 3.03 (3) Gly 1.05 (1) Pro 2.80 (3) His 1.01 (1) Tyr 3.91 (4) |
| Purity (HPLC) | > 95% (TFA 96.9 %, NaClO ₄ 97.6 %) |
| Assay (elemental analysis) | 79.1% (Nth 18.59 %, Nfd 14.70 %) |
| General comment | the product is supplied as a trifluoroacetic acid salt |

Latest update: March 29, 2016

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