

Analytical Data Sheet

Lot number **1000028931**
not for drug use

Catalog number **H-7576.0001**
Product number **4042431.0001**
Product **Spinorphin (bovine) trifluoroacetate salt**
H- Leu- Val- Val- Tyr- Pro- Trp- Thr- OH trifluoroacetate salt
Molecular formula $C_{45}H_{64}N_8O_{10}$
Relative molecular mass 877.04

| Tests | Results |
|-------------------------|--|
| Appearance | white lyophilized powder |
| Identification (ESI-MS) | m = 876.3u (average mass) |
| Amino acid analysis | Leu 0.95 (1) Val* 1.27 (2) Pro 1.06 (1) Thr 1.00 (1) Trp* 0.00 (1) Tyr 1.00 (1) *Val-Val bond was partially hydrolysed during hydrolysis *Trp was completely destroyed during hydrolysis |
| Solubility | 1 mg/ml in 10% acetonitrile in H ₂ O |
| Purity (HPLC) | 97.0% |
| Peptide content | 80.6% |

Latest update: April 02, 2020

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