

Analytical Data Sheet

Lot number **1000002148**
not for drug use

Retest date N/A
Catalog number **H-1785.0005**
Product number **4031338.0005**
Product **(Arg⁸) - Vasotocin trifluoroacetate salt**
H- Cys- Tyr- Ile- Gln- Asn- Cys- Pro- Arg- Gly- NH₂
trifluoroacetate salt
(Disulfide bond)
Molecular formula C₄₃H₆₇N₁₅O₁₂S₂
Relative molecular mass 1050.23

| Tests | Results |
|---------------------------|---|
| Appearance | white powder |
| Identification (MALDI-MS) | 1050.23 |
| Amino acid analysis | Asx 1.05 (1) Ile 0.93 (1) Glx 0.96 (1) Tyr 0.86 (1) Pro 1.01 (1) Arg 1.12 (1) Gly 1.08 (1) Cys* 0.49 (2) *Partially destroyed during acid hydrolysis |
| Solubility | soluble in water at 1mg/mL |
| Purity (HPLC) | 98.0% |
| Assay (AAA) | 73.7% |

Latest update: July 04, 2018

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