

Analytical Data Sheet

Lot number **1074263**
not for drug use

Catalog number **H-8376.1000**
Product number **4107365.1000**
Product **α - Synuclein (45- 54) (human) trifluoroacetate salt**
H- Lys- Glu- Gly- Val- Val- His- Gly- Val- Ala- Thr- OH
trifluoroacetate salt
Molecular formula **C₄₃H₇₃N₁₃O₁₄**
Relative molecular mass **996.12**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	995.90
Amino acid analysis	Thr 1.01 (1) His 0.95 (1) Glx 0.96 (1) Lys 1.01 (1) Gly 1.97 (2) Ala 1.06 (1) Val* 1.80 (3) *Valine value low due to the resistance of the Val-Val and Val-His bonds to acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	97.8%
Assay (AAA)	73.4%

Latest update: November 10, 2017

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