

## Analytical Data Sheet

<b>Lot number</b>	<b>1000037486</b> not for drug use
<b>Product</b>	<b>(D-Ala<sup>2</sup>)-Gastric Inhibitory Polypeptide (human) trifluoroacetate salt</b> H-Tyr-D-Ala-Glu-Gly-Thr-Phe-Ile-Ser-Asp-Tyr-Ser-Ile-Ala-Met-Asp-Lys-Ile-His-Gln-Gln-Asp-Phe-Val-Asn-Trp-Leu-Leu-Ala-Gln-Lys-Gly-Lys-Lys-Asn-Asp-Trp-Lys-His-Asn-Ile-Thr-Gln-OH trifluoroacetate salt
<b>Product number</b>	<b>4054476.0500</b>
<b>Molecular formula</b>	C <sub>226</sub> H <sub>338</sub> N <sub>60</sub> O <sub>66</sub> S
<b>Relative molecular mass</b>	4983.53

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	4982.85
<b>Amino acid analysis</b>	Asx 6.52 (7)    Ile** 3.46 (4) Thr 2.00 (2)    Leu 1.95 (2) Ser 1.96 (2)    Tyr 2.02 (2) Glx 5.35 (5)    Phe 1.86 (2) Gly 2.10 (2)    His 1.82 (2) Ala 3.08 (3)    Lys 5.21 (5) Val 0.91 (1)    Trp 0.97 (2) Met* 0.89 (1)
	* Partially destroyed during acid hydrolysis ** Isoleucine value low due to the resistance of the Ile-His bond to acid hydrolysis
<b>Solubility</b>	soluble in water at 1mg / mL
<b>Purity (HPLC)</b>	95.2%
<b>Assay (AAA)</b>	76.7%

Latest update: September 07, 2020

**Analytical Data Sheet**  
Lot number **1000037486**