



Hangzhou Peptidego Biotech Co.,Ltd

CERTIFICATION OF ANALYSIS

Somatostatin Acetate Powder (Synthetic)	CAS: 38916-34-6
Product No.:800020	Batch No.: 17120009
Date of Mfg: Jan 26, 2018	Date of Exp: Jan 25, 2020
Sequence: Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys(Cys3&Cys14 bridge)	

Test	Specification	Result
Appearance	White or off-white powder	White powder
Solubility	soluble in water	conforms
MS	1637.9±1.0	1637.6
Amino acid analysis	Asp 0.9-1.1 Gly 0.9-1.1 Ala 0.9-1.1 Phe 2.7-3.3 Ser 0.7-1.1 Thr 1.4-2.1 Lys 1.8-2.2 No more than the traces of the other amino acids are present.	Asp 1.0 Gly 1.0 Ala 1.0 Phe 2.8 Ser 0.8 Thr 1.5 Lys 1.9 conforms
Related Substances	Unspecified impurity for each impurity: NMT1.0%	0.25%(single largest impurity)
Purity(HPLC)	NLT 98%	99.12%
Acetic acid	NMT 10.0%	6.3%
Water Content(Karl Fischer)	NMT 7.0%	4.7%
Bacterial endotoxins	Less than 5IU/mg	Conforms
Assay	97.0%-103.0% (anhydrous and acetic acid free substance)	99.4%

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Test	Specification	Result
Residual solvent		
Methanol	NMT 3000ppm	conforms
Acetonitrile	NMT 410 ppm	
Triethylamine	NMT 320 ppm	

Storage: In an air tight container,protected from light at temperature 2-8°C.

Conclusion: the product complies with specification.

It is only supplied as chemical product.

Analysis :Janie.zhang

Date :2018.01.26

Approved by: Christ.zheng

Date :2018.01.26



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