



# Hangzhou Peptidego Biotech Co.,Ltd

## CERTIFICATION OF ANALYSIS

Octreotide Acetate Powder (Synthetic)	CAS: 83150-76-9
Product No.:800016	Batch No.: 17120002
Date of Mfg: Dec 27, 2017	Date of Exp: Dec 26, 2019
Sequence: DPhe-Cys-Phe-DTrp-Lys-Thr-Cys-Thr-ol(Cys2&Cys7 bridge)	

Test	Specification	Result
Appearance	White or off-white powder	White powder
Solubility	Very soluble in water and acetic acid	Conforms
HPLC	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	Complies,
Specific Optical Rotation	-66° to -76° (C=0.5; 1% acetic acid)	-73.6°
.Amino acid analysis	Phe: 1.80-2.20 Lys: 0.90-1.10 Thr: 0.80-1.20 Cys: Present No more than the traces of the other amino acids are present.	Phe:2.2 Lys:0.9 Thr:1.0 Cys:Present Complies
MS	1019.2±1.0	1019.2
Related Substances	Unspecified impurity for each impurity: NMT1.0%	0.15%(single largest impurity)
Purity(HPLC)	NLT :98%	99.22%
pH	5.0-7.0	6.6
Acetic acid	5.0~ 12.0%	8.2%
Water Content(Karl Fischer)	NMT 7.0%	4.8%

Add : Tianhe Hi-Tech park, Binjiang district, Hangzhou, Zhejiang , China  
 Tel: +86 -571-87213919  
 Email : Ellis@peptidego.com  
 www.peptidego.com



# Hangzhou Peptidego Biotech Co.,Ltd

## CERTIFICATION OF ANALYSIS

Octreotide Acetate Powder (Synthetic)	CAS: 83150-76-9
Product No.:800016	Batch No.: 17120002
Date of Mfg: Dec 27, 2017	Date of Exp: Dec 26, 2019
Sequence: DPhe-Cys-Phe-DTrp-Lys-Thr-Cys-Thr-ol(Cys2&Cys7 bridge)	

Test	Specification	Result
Bacterial endotoxins	Less than 5IU/mg	conforms
Assay	97.0%-103.0% (anhydrous and acetic acid free substance)	99.8%
Residual solvent Methanol Acetonitrile Triethylamine	NMT 3000ppm NMT 410 ppm NMT 320 ppm	conforms

**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 :2017.12.27

Approved by : Christ.zheng

Date :2017.12.27



Add : Tianhe Hi-Tech park, Binjiang district, Hangzhou, Zhejiang , China

Tel: +86 -571-87213919

Email : Ellis@peptidego.com

www.peptidego.com