

Certificate Of Analysis

Name: Liraglutide
CAS No.: 204656-20-2
Cat No.: A879607
Batch No.: L08072017
Mfg.Date: 2017.07.08
Exp.Date: 2019.07.07

Items	Specifications	Results
Appearance	White powder	Conforms
Amino acid analysis	His (0.9-1.1); Asp (0.9-1.1) Ala (3.6-4.4); Val (1.8-2.2) Glu (4.5-5.5); Leu (1.8-2.2) Gly (3.6-4.4); Lys (0.9-1.1) Thr (1.8-2.2); Ile (0.9-1.1) Phe (1.8-2.2); Arg (1.8-2.2) Ser (2.7-3.3); Tyr (0.9-1.1) No more than the traces of other amino acids are present.	His 1.1 ; Asp 1.0 Ala 3.8 ; Val 2.0 Glu 4.9 ; Leu 2.1 Gly 4.1 ; Lys 1.0 Thr 2.2 ; Ile 1.0 Phe 1.9 ; Arg 2.0 Ser 2.9 ; Tyr 1.0 Complies
Related Substances (purity)	Unspecified impurity for each impurity: NMT1.0%	0.25%(single largest impurity)
	Total impurity: NMT 2.0%	0.40%
Acetic acid	≤8.0%	0.5%
Water Content(Karl Fischer)	≤7.0%	4.8%
Peptide Content(N%)	≤80%	94.5%
Purity	97%(min)	Conforms
Conclusion	The product tested complies with the specifications.	

Storage condition: Store in a tightly closed container in a cool and dry place.

Checker:

** If you have any comments and suggestions, please contact us by sales@amadischem.com*