

Certificate of Analysis

Liraglutide

Cat. No.: HY-P0014

CAS No.: 204656-20-2

Batch No.: 158820

Chemical Name: Glycine, L-histidyl-L-alanyl-L-α-glutamylglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L-α-

aspartyl-L-valyl-L-seryl-L-seryl-L-tyrosyl-L-leucyl-L- α -glutamylglycyl-L-glutaminyl-L-alanyl-N6-[N-(1-oxohexadecyl)-L- γ -glutamyl]-L-lysyl-L- α -glutamyl-L-phenylalanyl-L-isoleucyl-L-ala

nyl-L-tryptophyl-L-leucyl-L-valyl-L-arginylglycyl-L-arginyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{172}H_{265}N_{43}O_{51}$

Molecular Weight: 3751.26

Storage: Sealed storage, away from moisture and light

Powder -80°C 2 years

-20°C 1 year

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

Chemical Structure:

N6-[N-(1-oxohexadecyl)-L- γ -glytamyl] HAEGTFTSDV SSYLEGQAAK EFIAWLVRGR G

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity (HPLC): 99.82%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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