

## Liraglutide

Cat. No. CEPP-004

Lot. No. (See product label)

### Introduction

**Description** Liraglutide has numerous effects such as promoting pancreatic islet cell regeneration, lowering blood glucose, reducing body weight and protecting the cardiovascular system. Victoza is used for the treatment of type 2 diabetes mellitus. Saxenda is used as a medication for the treatment of chronic obesity, as a supplement to dietary control and physical activity. Liraglutide is an acylated human glucagon-like peptide-1 (GLP-1) receptor agonist with 97% amino acid sequence homology to human endogenous GLP-1 (7-37), retaining all of the biological activity of GLP-1, with GLP-1 receptor agonism.

**Applications** Type 2 diabetes: Used to improve blood sugar control, usually in combination with diet and exercise. Liraglutide can be used alone or in combination with other diabetes medications. Obesity: For weight management, especially in patients who have a body mass index (BMI)  $\geq 30$  or a BMI  $\geq 27$  with at least one weight-related condition (e.g., hypertension, type 2 diabetes, etc.).

### Product Information

**CAS No.** 204656-20-2

**Molecular Formula** C172H265N43O51

**Molecular Weight** 3751.2

**Amino Acid Sequence** H-His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys(N- $\epsilon$ -(N $\alpha$ -Palmitoyl-L- $\gamma$ -glutamyl))-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH

### Usage and Packaging

**Package** 100G/Bottle or at customers requirement.

### Storage and Shipping Information

**Storage** 5°C $\pm$ 3°C