

Certificate of Analysis

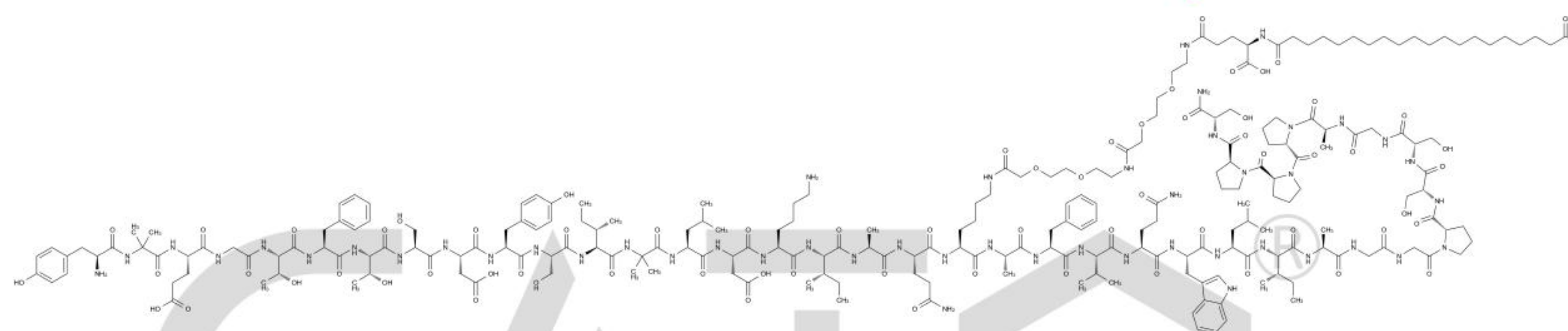
Reference Material & Standard

Product Name:	D-Ser32-Tirzepatide	Catalogue Number:	CPTD788692
Synonyms:	N/A	Lot Number:	0317-RH-0060
CAS Number:	N/A	Expiry Date:	Mar 22, 2030
Molecular Formula:	C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	4813.45	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.568%
Peptide Content	Elemental Analysis(N%)	88.33%
Water Content	Karl Fischer	8.0%
Assay		88.8%

Comment:

1. Sodium Content: 0.3585%

2. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Water Content) * Purity HPLC (%) /100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Mar 25, 2026

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