

Certificate of Analysis

Reference Material & Standard

Product Name:	L-Kyn25 Semaglutide	Catalogue Number:	C4X-222654
Synonyms:	N/A	Lot Number:	0816-RH-0050
CAS Number:	N/A	Expiry Date:	Aug 17, 2030
Molecular Formula:	C ₁₈₆ H ₂₉₁ N ₄₅ O ₆₀	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	4117.57	Shipping Condition:	Shipping with Ice Packs

H-His-Aib-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-
Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys(Octadecanedioic-y-
Glu-PEG2-PEG2)-Glu-Phe-Ile-Ala-Kyn-Leu-Val-Arg-
Gly-Arg-Gly-OH

Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR	Confirmed
Purity	HPLC	96.013%
Peptide Content	Elemental Analysis(N%)	82.0%
Water Content	Karl Fischer	7.3477%
Assay		89.0%

Comment:

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:

Kai

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 16, 2026

Date: Sep 16, 2026

Date: Sep 16, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: https://www.cato-chem.com

Page 1 of 5

