Certificate of Analysis

Reference Material & Standard

Product Name:	D-[Phe]6-Semaglutide	**Catalogue Number:**	CPTD788633
Synonyms:	N/A	**Lot Number:**	0515-RH-0086
CAS Number:	N/A	**Expiry Date:**	Aug 10, 2030
Molecular Formula:	$C_{187}H_{291}N_{45}O_{59}$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	4113.58	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	DMSO		

Chemical Structure: H-His-Aib-Glu-Gly-Thr-D-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys(Oct-γ-Glu-AEEA-AEEA)-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH

Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.8%
Loss on Drying	TGA	3.2482%
Assay	qNMR	88.5%

CATO Research Chemicals Inc.

Signature:

Prepared by: Koi Date: Oct 16, 2026

Reviewed by: Lisa Date: Oct 19, 2026

Approved by General Manager: David Date: Oct 19, 2026

CATO Research Chemicals Inc.