

Certificate of Analysis

Reference Material & Standard

Product Name:	Semaglutide impurity 48	Catalogue Number:	C4X-222648
Synonyms:	N/A	Lot Number:	0128-SA-7345
CAS Number:	N/A	Expiry Date:	Jan 27, 29
Molecular Formula:	$C_{142}H_{216}N_{38}O_{45}$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	3175.46		

Chemical Structure: Glu-Gly-Thr-Phe-Thr-Ser-D-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH

Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	97.841%

CATO Research Chemicals Inc.

Signature:

Prepared by:

Lisa

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Jan 28, 25

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Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

Document Version:

Revision No.	Date	Reason for Revision
01	Jan 28, 25	First release.

