

Certificate of Analysis

Reference Material & Standard

Product Name:	Semaglutide Impurity 162 (x TFA Salt)	Catalogue Number:	C4X-2226162
Synonyms:	N/A	Lot Number:	0228-SA-7557
CAS Number:	N/A	Expiry Date:	Feb 27, 29
Molecular Formula:	$C_{138}H_{220}N_{32}O_{40}$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	2967.5		

Chemical Structure: H-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys (AEEAc-AEEAc-γ-Glu-17-carboxy heptadecanoyl)-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	96.899%

CATO Research Chemicals Inc.

Signature:

Prepared by:

Lisa

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Feb 28, 25

Date: Feb 28, 25

Date: Feb 28, 25



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 6



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	Feb 28, 25	First release.

