Certificate of Analysis

Reference Material & Standard

Product Name:	[D-Cys7]-Calcitonin	**Catalogue Number:**	C4X-221829
Synonyms:	N/A	**Lot Number:**	1214-SA-7922
CAS Number:	N/A	**Expiry Date:**	Dec 13, 29
Molecular Formula:	$C_{145}H_{240}N_{44}O_{48}S_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	3431.85		

D-Cys7 salmon calcitonin

Chemical Structure:

Cys-Ser-Asn-Leu-Ser-Thr-D-Cys-Val-Leu-Gly-Lys-Leu-Ser-Gln-
Glu-Leu-His-Lys-Leu-Gln-Thr-Tyr-Pro-Arg-Thr-Asn-Thr-Gly-
Ser-Gly-Thr-Pro-NH2

(Disulfide bridge Cys1-Cys7)

Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	97.624%

CATO Research Chemicals Inc.

Signature:

Prepared by: Lisa Date: Dec 14, 25

Reviewed by: Yuki Date: Dec 14, 25

Approved by General Manager: David Date: Dec 14, 25

CATO Research Chemicals Inc.

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	Dec 14, 25	First release.

CATO Research Chemicals Inc.