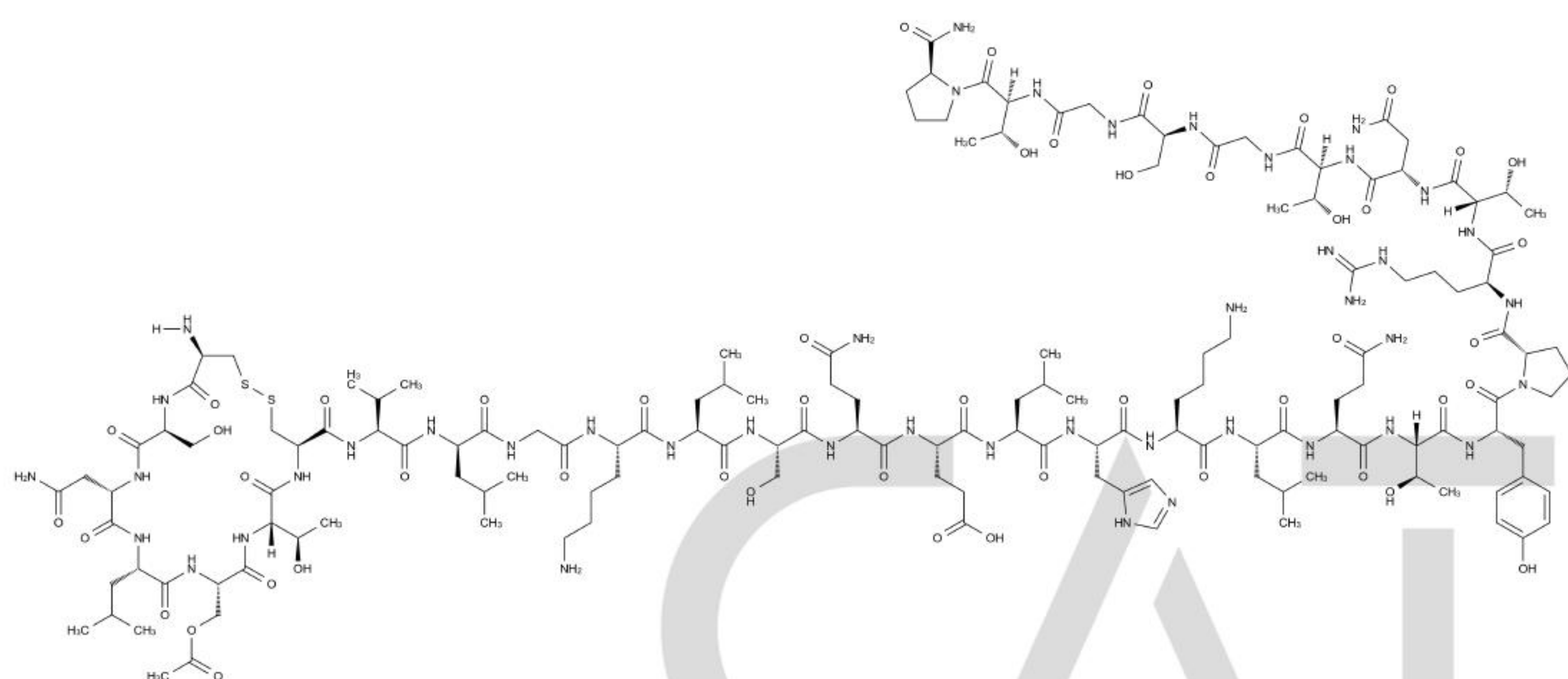


Certificate of Analysis

Reference Material & Standard

Product Name:	Calcitonin EP Impurity D	Catalogue Number:	C4X-221810
Synonyms:	N/A	Lot Number:	1025-RE-0010
CAS Number:	N/A	Expiry Date:	Oct 29, 2025
Molecular Formula:	C147H242N44O49S2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	3473.89		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.5797%
Residue on Ignition	TGA	1.2761%
Loss On Drying	TGA	3.2814%
Assay		92.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aproved by General Manager:

David

Date: Oct 31, 2023

Date: Oct 31, 2023

Date: Oct 31, 2023

