

Certificate of Analysis

Reference Material & Standard

Product Name:	Calcitonin EP Impurity B	Catalogue Number:	C4X-22182
Synonyms:	N/A	Lot Number:	1025-RE-0008
CAS Number:	N/A	Expiry Date:	Oct 24, 2025
Molecular Formula:	C145H240N44O48S2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	3431.90		
Chemical Structure:			



B. [9-D-leucine]calcitonin (salmon),

Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.8583%
Residue on Ignition	TGA	0.0013%
Loss On Drying	TGA	2.2238%
Assay		97.6%

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:

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Aporoved by General Manager:

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Date: Oct 25, 2023

Date: Oct 26, 2023

Date: Oct 26, 2023

