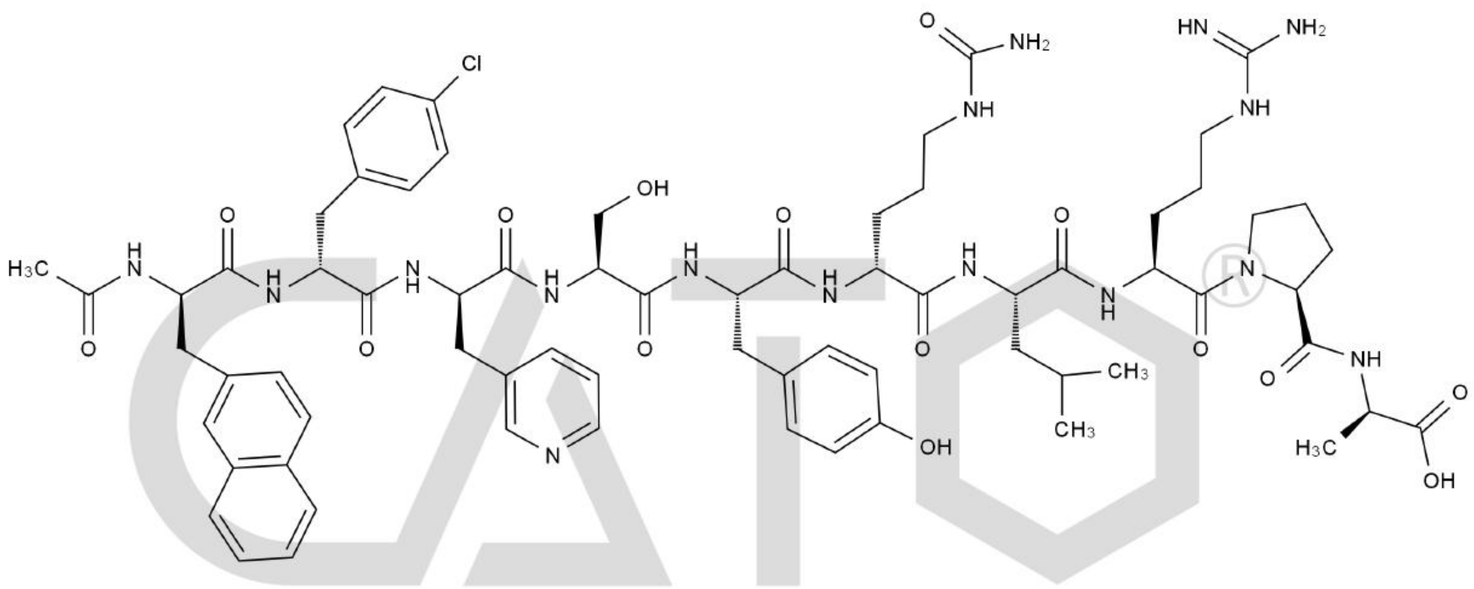
Certificate of Analysis

Reference Material & Standard

Product Name:	Deamidated Cetrorelix	**Catalogue Number:**	C4X-201413
Synonyms:	N/A	**Lot Number:**	1113-RH-0001
CAS Number:	N/A	**Expiry Date:**	Nov 17, 2028
Molecular Formula:	$C_{70}H_{91}ClN_{16}O_{15}$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1432.02	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.881%
Loss on Drying	TGA	1.4288%
Assay	Mass Balance	98.5%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Koji Date: Nov 18, 2026

Reviewed by: Lisa Date: Nov 18, 2026

Approved by General Manager: David Date: Nov 18, 2026

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