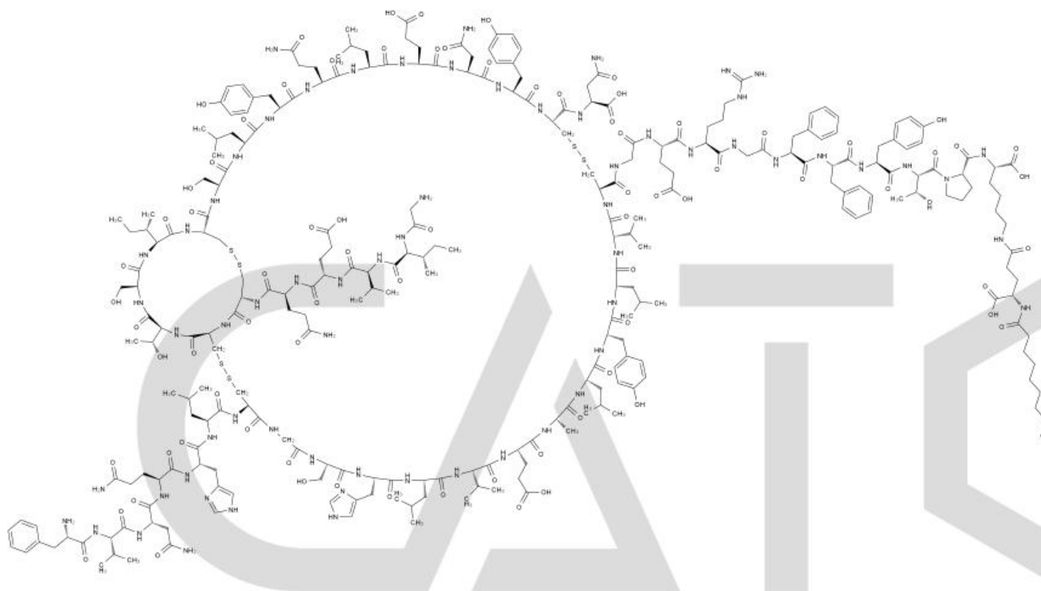
Certificate of Analysis

Reference Material & Standard

Product Name:	Insulin degludec	**Catalogue Number:**	C4X-2157
Synonyms:	N/A	**Lot Number:**	0821-RH-0061
CAS Number:	844439-96-9	**Expiry Date:**	Sep 08, 2030
Molecular Formula:	$C_{274}H_{411}N_{65}O_{81}S_6$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	6103.97	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Peptide Content	Elemental Analysis(N%)	97.1%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Sep 09, 2026

Reviewed by: Koi Date: Sep 09, 2026

Approved by General Manager: David Date: Sep 09, 2026

CATO Research Chemicals Inc.