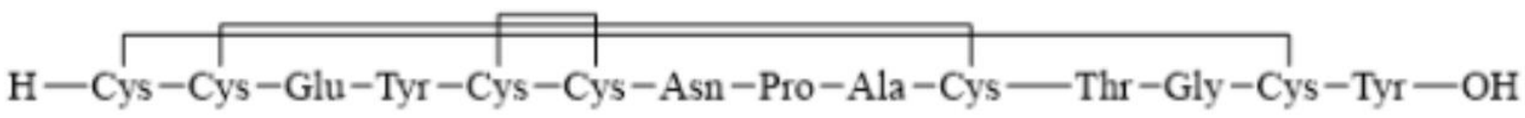
Certificate of Analysis

Reference Material & Standard

Product Name:	Linaclotide Impurity 30	**Catalogue Number:**	C4X-210630
Synonyms:	N/A	**Lot Number:**	0903-RH-0073
CAS Number:	N/A	**Expiry Date:**	Mar 16, 2027
Molecular Formula:	$C_{59}H_{79}N_{15}O_{21}S_6$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1526.73	**Shipping Condition:**	Shipping with Dry Ice

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&AAS&DBL	Confirmed
Purity	HPLC	93.321%
Water Content	Karl Fischer	5.80%
Assay		87.9%

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Comment:

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

Signature:

Prepared by: Date: Sep 04, 2026

Reviewed by: Date: Sep 04, 2026

Approved by General Manager: Date: Sep 04, 2026

CATO Research Chemicals Inc.