

Certificate of Analysis

Reference Material & Standard

Product Name:	Linacotide Impurity 31	Catalogue Number:	C4X-210631
Synonyms:	N/A	Lot Number:	0903-RH-0069
CAS Number:	N/A	Expiry Date:	Mar 15, 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:	1526.74	Shipping Condition:	Shipping with Dry Ice



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&AAS&DBL	Confirmed
Purity	HPLC	81.096%
Water Content	Karl Fischer	4.00%
Residual Solvents	NMR	6.4% acetic acid
Assay		72.7%

Comment:

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

Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) /100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Jim

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Sep 06, 2026

Date: Sep 07, 2026

Date: Sep 07, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

