

Certificate of Analysis

Reference Material & Standard

Product Name:	Linacotide Impurity 27	Catalogue Number:	C4X-210627
Synonyms:	N/A	Lot Number:	0903-RH-0062
CAS Number:	N/A	Expiry Date:	Jan 12, 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



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&AAS&DBL	Confirmed
Purity	HPLC	83.365%
Water Content	Karl Fischer	4.48%
Residual Solvents	NMR	1.16% ammonium and 8.97% acetic acid
Assay		71.2%

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:

Reviewed by:

Approved by General Manager:

Date: Sep 06, 2026

Date: Sep 07, 2026

Date: Sep 07, 2026



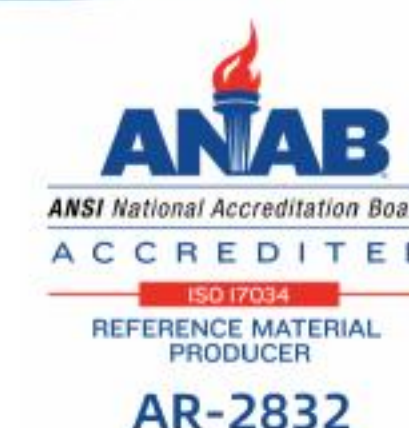
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