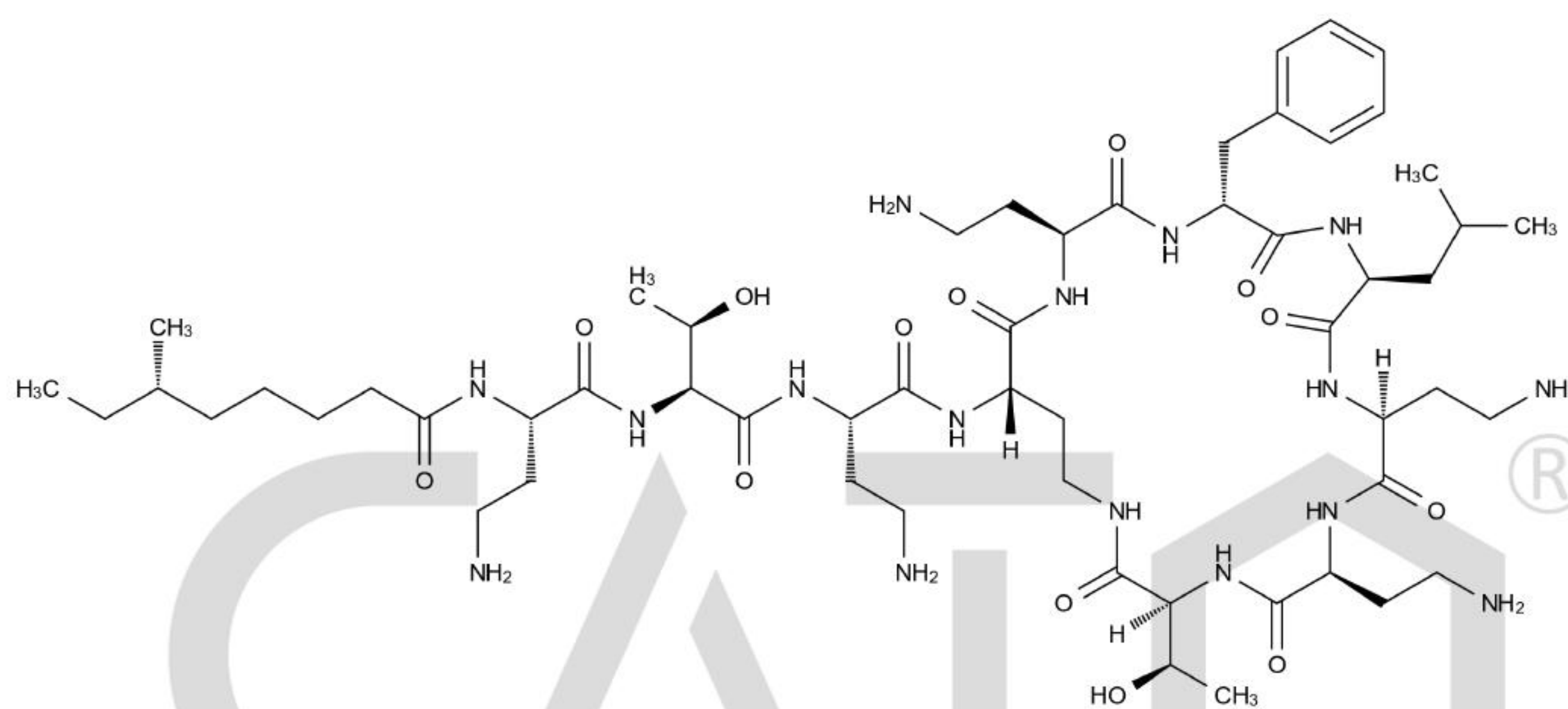


Certificate of Analysis

Reference Material & Standard

Product Name:	Polymyxin B1	Catalogue Number:	C4X-225517
Synonyms:	N/A	Lot Number:	1128-RE-0052
CAS Number:	4135-11-9	Expiry Date:	Nov 26, 2026
Molecular Formula:	C ₅₆ H ₉₈ N ₁₆ O ₁₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	1203.48		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	97.46%
Loss On Drying	TGA	6.853%
Assay		90.8%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Aproved by General Manager:

David

Date: Nov 29, 2023

Date: Nov 29, 2023

Date: Nov 29, 2023

