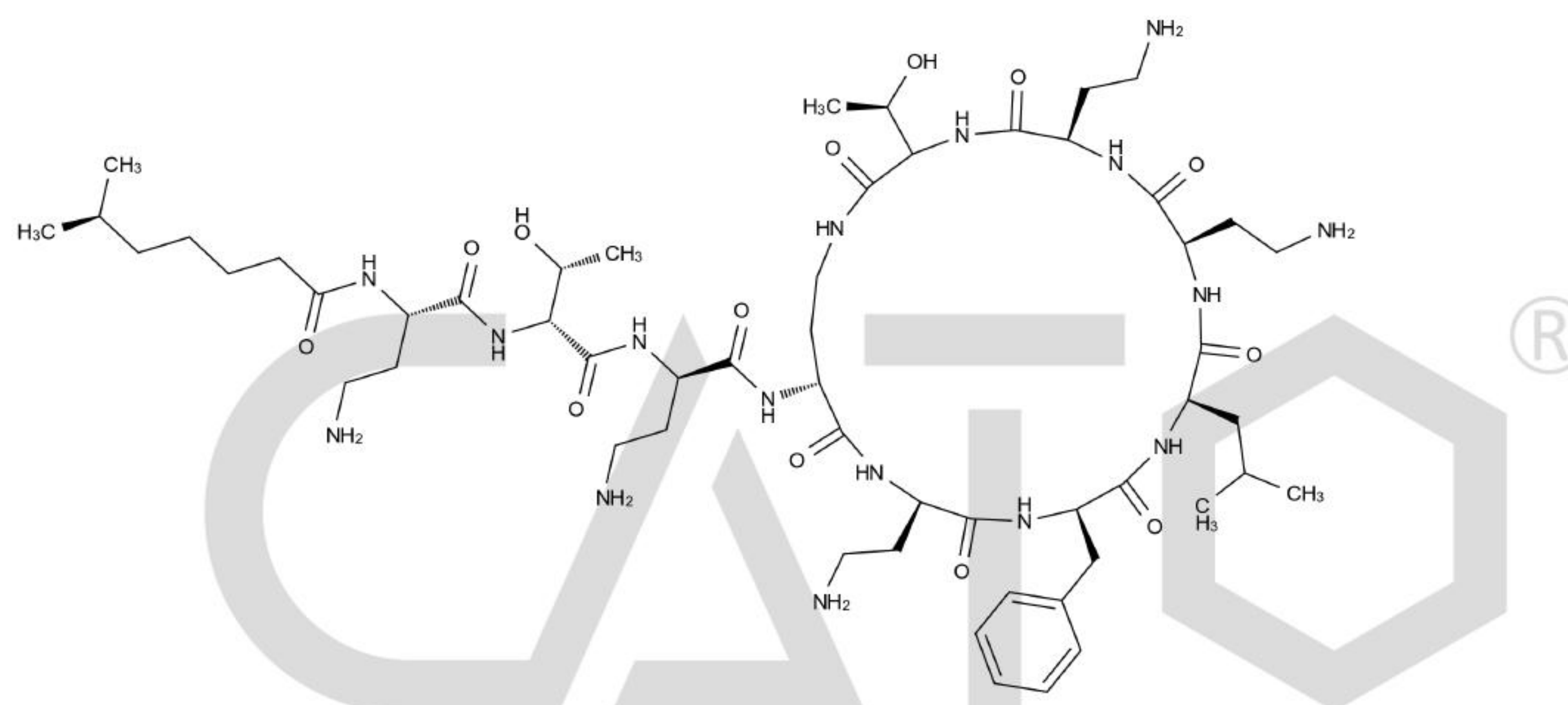


Certificate of Analysis

Reference Material & Standard

Product Name:	Polymyxin B2	Catalogue Number:	CS318112
Synonyms:	N/A	Lot Number:	1221-RE-0022
CAS Number:	34503-87-2	Expiry Date:	Dec 03, 2026
Molecular Formula:	C55H96N16O13	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1189.45	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	HRMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.12%
Loss On Drying	TGA	6.844%
Assay		91.4%

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:

Lisa

Aproved by General Manager:

David

Date: Dec 22, 2023

Date: Dec 22, 2023

Date: Dec 22, 2023

