

Certificate of Analysis

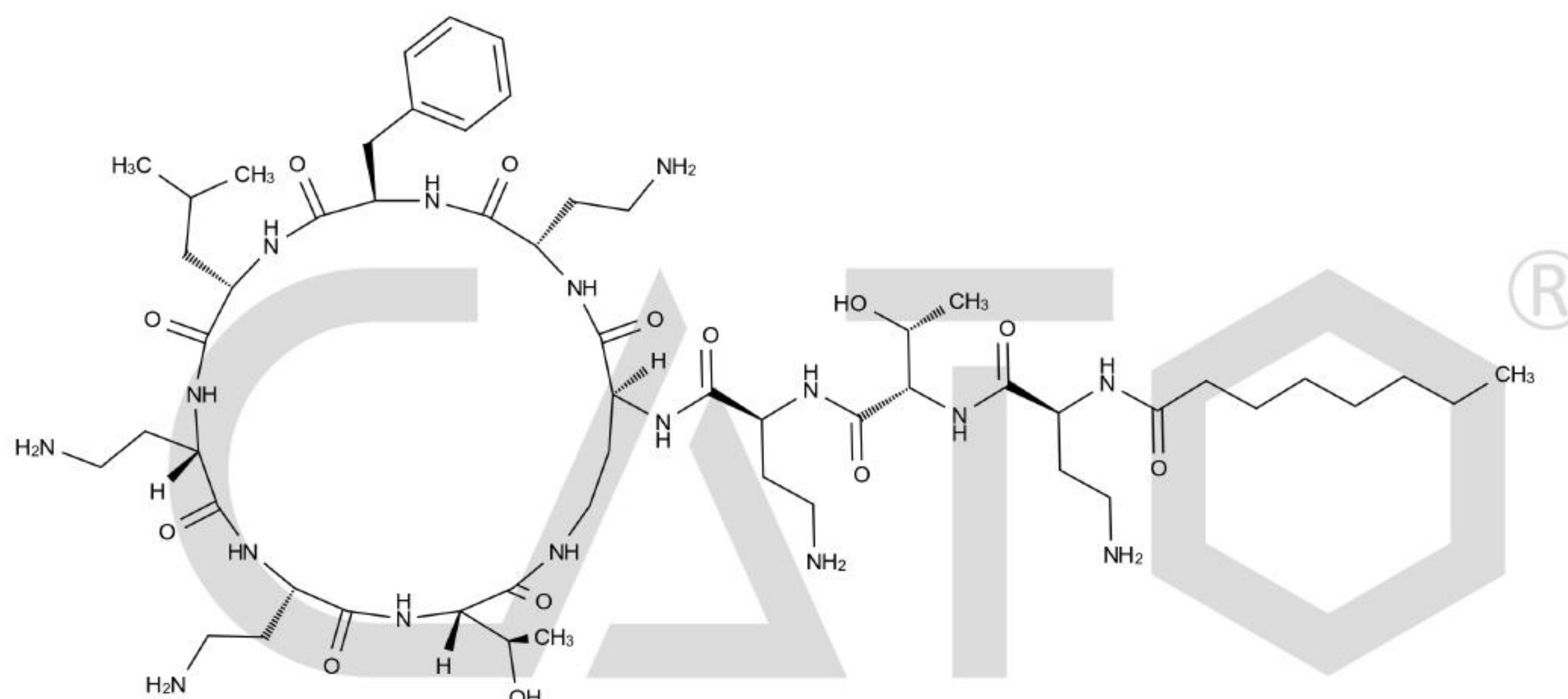
Reference Material & Standard

Product Name:	Polymyxin B3	Catalogue Number:	C1889606
Synonyms:	N/A	Lot Number:	0320-RH-0006
CAS Number:	71140-58-4	Expiry Date:	Dec 07, 2029
Molecular Formula:	C ₅₅ H ₉₆ N ₁₆ O ₁₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1189.45	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	HRMS&IR&UV&HNMR	Confirmed
Purity	HPLC	96.02%
Loss On Drying	TGA	12.601%
Assay		83.9%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: Mar 20, 2026

Date: Mar 23, 2026

Date: Mar 23, 2026



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