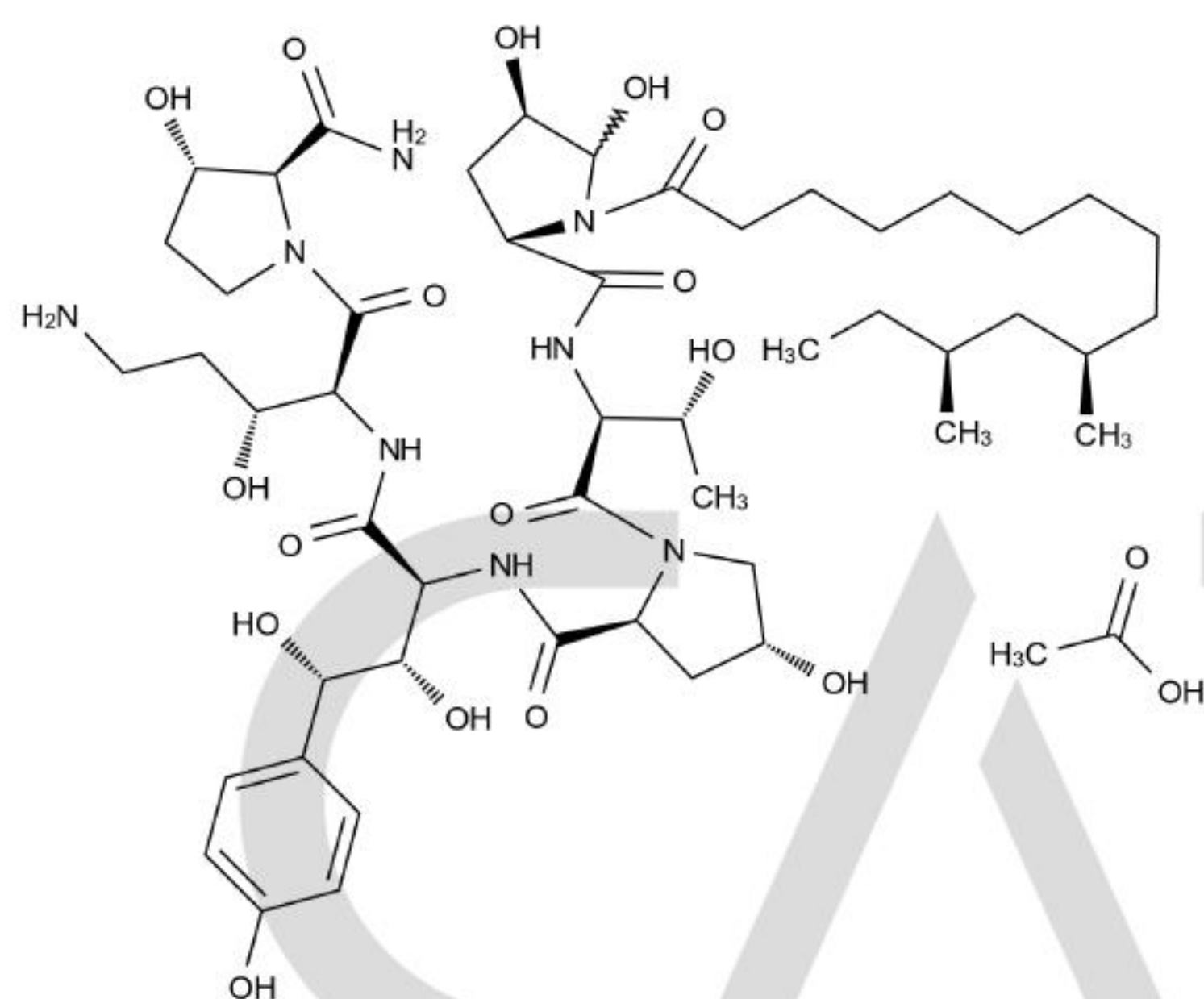


Certificate of Analysis

Reference Material & Standard

Product Name:	Caspofungin EP Impurity B Acetate(RRT=1.50)	Catalogue Number:	C4X-157515
Synonyms:	Caspofungin Impurity D	Lot Number:	1226-RF-0055
CAS Number:	314080-31-4 (free base)	Expiry Date:	Sep 08, 2027
Molecular Formula:	C ₅₀ H ₈₂ N ₈ O ₁₆ C ₂ H ₄ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1051.23 60.05		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.077%
Loss On Drying	TGA	0.3849%
Assay		95.7%

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

Approved by General Manager:

David

Date: Dec 27, 2024

Date: Dec 27, 2024

Date: Dec 27, 2024

