Certificate of Analysis

Reference Material & Standard

Product Name:	Caspofungin Pneumocandin C0	**Catalogue Number:**	C4X-15754
Synonyms:	N/A	**Lot Number:**	0704-RF-0018
CAS Number:	144074-96-4	**Expiry Date:**	Dec 03, 2026
Molecular Formula:	C50H80N8O17	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	1065.21		

Chemical Structure:

Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	HRMS&CNMR&HNMR	Confirmed
Purity	HPLC	96.06%
Loss On Drying	TGA	0.2248%
Assay		95.8%

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 Date: Aug 12, 2024

Reviewed by: Lisa Date: Aug 12, 2024

Approved by General Manager: David Date: Aug 12, 2024

CATO Research Chemicals Inc.