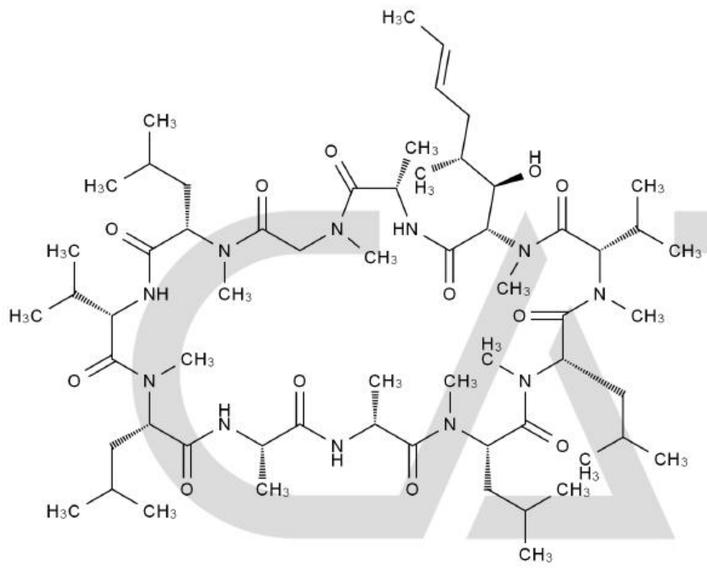
Certificate of Analysis

Reference Material & Standard

Product Name:	Cyclosporin B	**Catalogue Number:**	C4X-19981
Synonyms:	N/A	**Lot Number:**	1115-RH-0080
CAS Number:	63775-95-1	**Expiry Date:**	Nov 18, 2030
Molecular Formula:	$C_{61}H_{109}N_{11}O_{12}$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1188.58	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.307%
Loss on Drying	TGA	2.5213%
Assay	Mass Balance	95.8%

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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: Alice — Date: Nov 19, 2026

Reviewed by: Koi — Date: Nov 19, 2026

Approved by General Manager: David — Date: Nov 19, 2026

CATO Research Chemicals Inc.