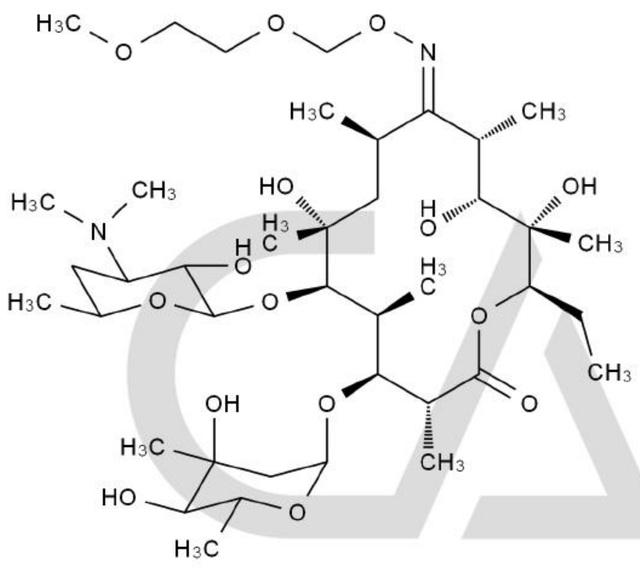
No.: 202603230069

Certificate of Analysis

Reference Material & Standard

Product Name:	Roxithromycin EP Impurity E	**Catalogue Number:**	C4X-13035
Synonyms:	N/A	**Lot Number:**	0325-RH-0037
CAS Number:	1460313-66-9	**Expiry Date:**	Apr 01, 2030
Molecular Formula:	$C_{40}H_{74}N_2O_{15}$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	823.02	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	98.770%
Loss on Drying	TGA	0.907%
Assay		97.9%

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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: Date: Apr 07, 2026

Reviewed by: Date: Apr 08, 2026

Approved by General Manager: Date: Apr 08, 2026

CATO Research Chemicals Inc.