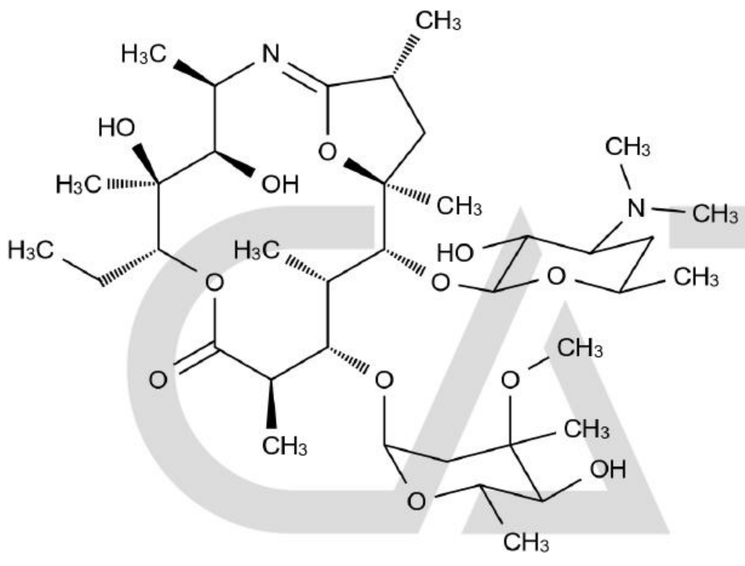
Certificate of Analysis

Reference Material & Standard

Product Name:	Azithromycin CP Impurity Q	**Catalogue Number:**	C4X-100316
Synonyms:	N/A	**Lot Number:**	1028-RG-0053
CAS Number:	99290-97-8	**Expiry Date:**	Oct 27, 2029
Molecular Formula:	$C_{37}H_{66}N_2O_{12}$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	730.93	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	95.06%
Residue on Ignition	TGA	0.5087%
Loss on Drying	TGA	4.6374%
Assay		90.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Residue on Ignition-Loss on Drying) * Purity HPLC (%) /100%*
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice — Date: Aug 31, 2026

Reviewed by: Koi — Date: Aug 31, 2026

Approved by General Manager: David — Date: Aug 31, 2026

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

ISO 9001:2000 SYSTEM CERTIFICATION SGS

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