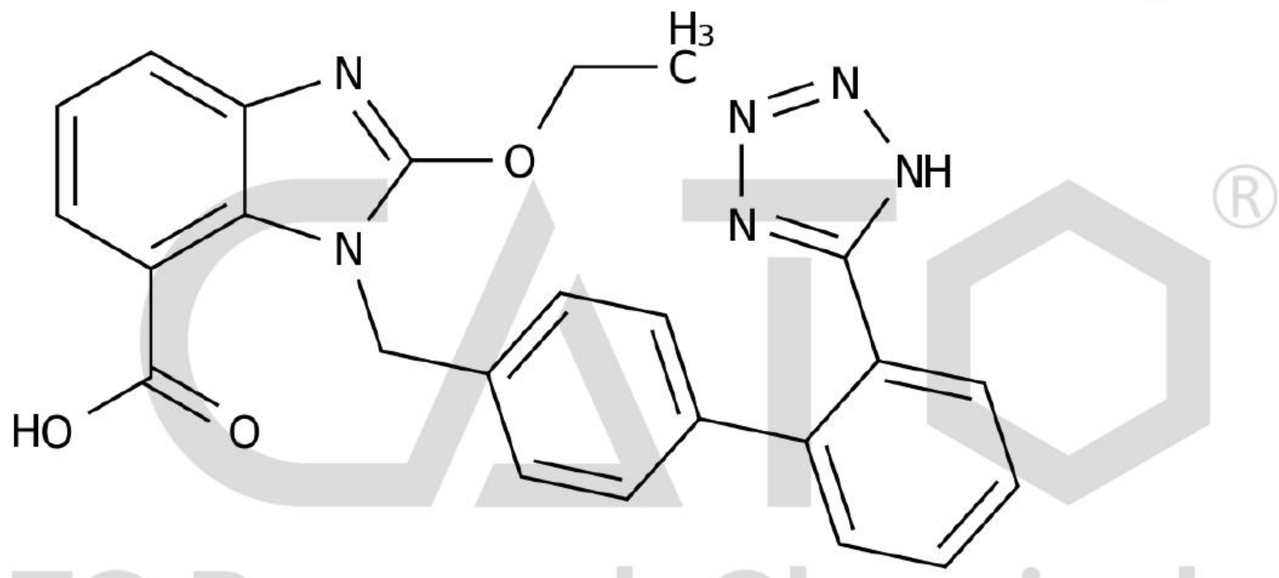
Certificate of Analysis

Reference Material & Standard

Product Name:	Candesartan Cilexetil EP Impurity G(Candesartan)	**Catalogue Number:**	C4X-12347
Synonyms:	N/A	**Lot Number:**	1008-RH-0100
CAS Number:	139481-59-7	**Expiry Date:**	Oct 11, 2030
Molecular Formula:	$C_{24}H_{20}N_6O_3$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	440.45	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.014%
Loss on Drying	TGA	2.8173%
Assay	Mass Balance	93.3%

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: Oct 12, 2026

Reviewed by: Koi Date: Oct 12, 2026

Approved by General Manager: David Date: Oct 12, 2026

CATO Research Chemicals Inc.