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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2023

Re-test Date: Nov 2026

**Product Name: Candesartan Cilexetil EP Impurity E**

### Identification:

Chemical Name: (1RS)-1-[[[(Cyclohexyloxy)carbonyl]oxy]ethyl 2-ethoxy-1-[[2'-(1-ethyl-1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-benzimidazole-7-carboxylate

Synonyms : Candesartan Cilexetil N1-Ethyl Analog

CAS Number : 914613-35-7

CAT Number : CP-C50005

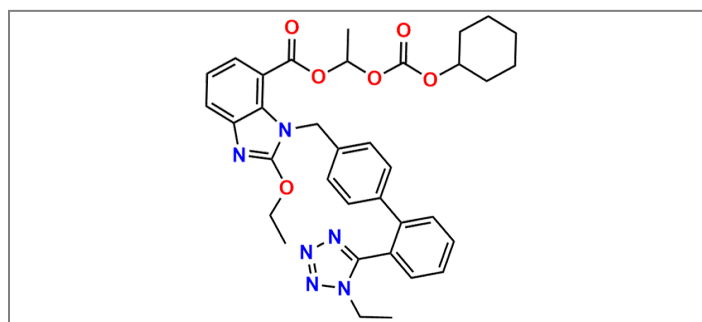
Molecular Formula : C<sub>35</sub>H<sub>38</sub>N<sub>6</sub>O<sub>6</sub>

Molecular Weight : 638.71

Batch Number : CP-CAN-CIL-E-1223

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White to off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.76%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.065%
9)	Potency by TGA	97.69%



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.