

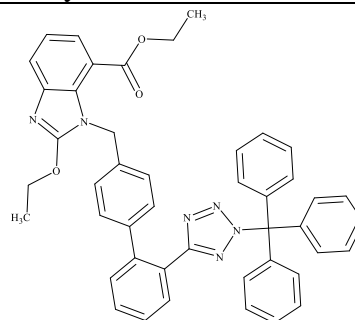
Certificate of Analysis

Certificate No.: 20200605001

Date: June 5, 2020

Retest date: May 21, 2023

Compound Name: Candesartan Cilexetil Impurity 15	
Synonyms:	ethyl 2-ethoxy-1-((2'-(2-trityl-2H-tetrazol-5-yl)-[1,1'-biphenyl]-4-yl)methyl)-1H-benzo[d]imidazole-7-carboxylate
TLC Catalogue Number:	C-0131
CAS Number:	1797985-81-9
Molecular Weight:	710.84
Molecular Formula:	C ₄₅ H ₃₈ N ₆ O ₃
Source:	TLC Pharmaceutical Standards
Source Lot No.:	3897-019A3
Storage Conditions:	Store at 2-8 °C
Solubility:	DMSO, DMF, solution of Methanol and Acetonitrile



Test Description	Specifications	Results
Visual Description	White to off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.8%
Impurity (HPLC)	N/A	
Water Content (KF)	N/A	0.4%
Residual Solvents (NMR)	0.5% ethyl acetate and 0.1% dichloromethane	
Assay (%)	Not less than 90.0%	98.8%
Recommendation:	Released.	

Name	Department	Signature	Date
Reviewed and approved by:	Analytical Services		
Approved by:	Quality Assurance		

Attachments: HPLC, IR, MS and NMR spectra.