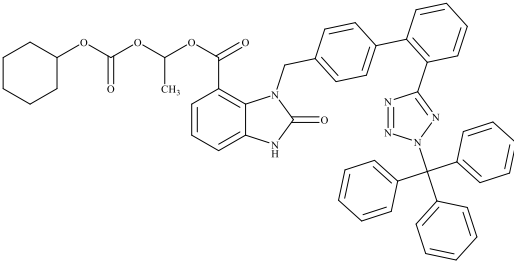


Certificate of Analysis

Certificate No.: 20200707008

Date: July 7, 2020

Retest date: July 6, 2023

Compound Name:	Candesartan Cilexetil Impurity 17	
Synonyms:	1-(((cyclohexyloxy)carbonyloxy)ethyl 2-oxo-3-((2'-(2-trityl-2H-tetrazol-5-yl)-[1,1'-biphenyl]-4-yl)methyl)-2,3-dihydro-1H-benzo[d]imidazole-4-carboxylate	
TLC Catalogue Number:	C-0133	
CAS Number:	1798004-41-7	
Molecular Weight:	824.94	
Molecular Formula:	C ₅₀ H ₄₄ N ₆ O ₆	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	3897-041A11	
Storage Conditions:	Store at 2-8 °C	
Solubility:	DMSO, DMF, Acetonitrile	

Test Description	Specifications	Results
Visual Description	White to off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	100.0%
Impurity (HPLC)	N/A	
Water Content (KF)	N/A	0.5%
Residual Solvents (NMR)	1.3% ethyl acetate	
Assay (%)	Not less than 90.0%	98.2%
Recommendation:	Released.	

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

Attachments: HPLC, IR, MS and NMR spectra.