

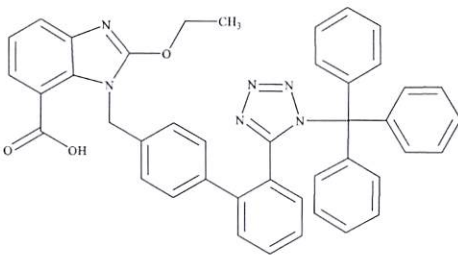
Certificate of Analysis

Certificate No.: **20251006502**



Date: October 6, 2025

Retest date: October 1, 2028

Compound Name:	<i>N</i>-Trityl Candesartan	
Synonyms:	2-ethoxy-1-((2'-(1-trityl-1 <i>H</i> -tetrazol-5-yl)-[1,1'-biphenyl]-4-yl)methyl)-1 <i>H</i> -benzo[<i>d</i>]imidazole-7-carboxylic acid	
TLC Catalogue Number:	C-0113	
CAS Number:	139481-72-4	
Alternate CAS Number:	N/A	
Molecular Weight:	682.78	
Molecular Formula:	C ₄₃ H ₃₄ N ₆ O ₃	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	2663-001A1	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Solution of Acetonitrile and Methanol, DMSO	



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%	99.7%
Impurity (HPLC)	RT 15.01, 0.11%	
Water Content (KF)	N/A	0.3%
Residual Solvents (NMR)	0.1% ethyl acetate	
Assay (%)	Not less than 90.0%	99.3%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		10/06/2025
Approved by:	Quality Assurance		10/06/2025

Attachments: Peak Attribution Table, HPLC, IR, MS and NMR spectra.